For Research Use Only

FAM72 Polyclonal antibody

Catalog Number:21203-1-AP

Featured Product 2 Publications



Size: GenelD (NCBi): Recommended Dilutions: 15001, Concentration: 600 g/m by 729533 WB 1:500-1:100 Nanodrop and 333 g/ml by Bradford UNIPROT ID: UNIPROT ID: method using BSA as the standard; Full Name: HC 1:50-1:500 Source: Full Name: Fabiti family with sequence similarity 72, Isobype: member A IgG Calculated MW: Immunogen Catalog Number: 149 aa, 17 kDa Af15566 Observed MW: 15-20 kDa Dserved MW: 15-20 kDa UNERCTIC: Gells MB, HC, ELISA WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: WB, HC IHC: IHC : human colon cancer tissue, Species Specificity: human, mouse Cited Species: Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive or species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects at the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects at the members of	Size: 150ul, Nanodm method Source: Rabbit Isotype IgG Immun AG1556 MB, IHC Species human, Cited S human, Note-I	Concentration: 600 ug/ml by op and 333 ug/ml by Bradford d using BSA as the standard; : : : : : : : : : : : : : : : : : : :	GeneID (NCB 729533 UNIPROT ID: Q5TYM5 Full Name: family with s member A Calculated M 149 aa, 17 kD Observed MW	equence similarity 72, W: Da V: Positive Cont WB : HT-29 cei cells	WB 1:500-1:1000 IHC 1:50-1:500 rols: Ills, mouse spleen tissue, HeLa cells, Ra			
150ul, Concentration: 600 ug/ml by Bradford Nanodrop and 333 ug/ml by Bradford UNIPROT ID: Source: WB 1:500-1:100 HC 1:50-1:500 HC 1:50-1:500 HC 1:50-1:500 HC 1:50-1:500 HC 1:50-1:500 HC 1:50-1:500 HC 1:500 HC 1:50-1:500 HC 1:500 HC 1:5	Applications Tested, WB, IHC Cited A WB, IHC Species human, Note-J	op and 333 ug/ml by Bradford d using BSA as the standard; : : ogen Catalog Number: 56 Applications: C, ELISA pplications: s Specificity: mouse pecies:	729533 UNIPROT ID: Q5TYM5 Full Name: family with s member A Calculated M 149 aa, 17 kD Observed MW	equence similarity 72, W: Da V: Positive Cont WB : HT-29 cei cells	WB 1:500-1:1000 IHC 1:50-1:500 rols: Ills, mouse spleen tissue, HeLa cells, Ra			
method using BSA as the standard; QSTM45 Source: Full Name: Rabbit family with sequence similarity 72, Isotype: member A IgG Calculated MW: Immunogen Catalog Number: 149 aa, 17 kDa AG15566 Observed MW: 15-20 kDa UBS: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: cells WB, IHC, EUSA WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: cells WB, IHC IHC : human colon cancer tissue, Species Specificity: human, mouse Cited Species: human, mouse Cited Species: human, mouse Cited Species: buffer pH 9.0; (*) Alternatively, antigen retrieval with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM Notable Publications: Qi Zbou 36483027 Front Oncol IHC, WB	Applications Tested, WB, IHC Species human, Note-J	Jusing BSA as the standard; c. ogen Catalog Number: 56 Applications: C, ELISA pplications: Specificity: mouse pecies:	Q5TYM5 Full Name: family with s member A Calculated M 149 aa, 17 kD Observed MV	W: Da V: Positive Cont WB : HT-29 cel cells	rols: Ils, mouse spleen tissue, HeLa cells, Ra			
Source: Full Name: Rabbit family with sequence similarity 72, Isotype: member A IgG Calculated MW: Immunogen Catalog Number: 149 aa, 17 kDa AG15566 Observed MW: 15-20 kDa Tested Applications: WB, IHC, ELISA WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: cells WB, IHC IHC: human colon cancer tissue, Species Specificity: human, mouse Numan, mouse Cited Species: human, mouse Cited Species: human, mouse Postformed with citrate Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox Species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon an FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM Notable Publications Author Pubmed 1D Journal Applica	Applications Tested, WB, IHC Cited A WB, IHC Species human, Cited S human, Note-I	: ogen Catalog Number: 56 Applications: C, ELISA pplications: Specificity: mouse pecies:	Full Name: family with s member A Calculated M 149 aa, 17 kD Observed MV	W: Da V: Positive Cont WB : HT-29 cel cells	lls, mouse spleen tissue, HeLa cells, R			
Rabbit full with sequence similarity 72, Isotype: Isotype: member A IgG Calculated MW: Immunogen Catalog Number: 149 aa, 17 kDa AG15566 Observed MW: 15-20 kDa 15-20 kDa Applications Tested Applications: WB, IHC, ELISA WB : HT-29 cells, mouse spleen tissue, HeLa Cited Applications: cells WB, IHC IHC Species Specificity: IHC human, mouse Cited Species: Cited Species: human, mouse Species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon as pecies metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon as FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAI Notable Publications Author Pubmed ID Journal Applica Qi Zhou 36483027 F	Applications Tested, WB, IHC Cited A WB, IHC Species human, Cited S human, Note-I	: ogen Catalog Number: 56 Applications: C, ELISA pplications: S Specificity: mouse pecies:	family with s member A Calculated M 149 aa, 17 kD Observed MV	W: Da V: Positive Cont WB : HT-29 cel cells	lls, mouse spleen tissue, HeLa cells, R			
Isotype: member A IgG Calculated MW: Immunogen Catalog Number: 149 aa, 17 kDa AG15566 Observed MW: 15-20 kDa 15-20 kDa Applications: Positive Controls: WB, IHC, ELISA WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: cells WB, IHC IHC : human colon cancer tissue, Species Specificity: human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retired and be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon an FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAI Notable Publications Author Pubmed ID Journal Applica	Applications Tested, WB, IHC Cited A WB, IHC Species human, Cited S human, Note-I	ogen Catalog Number: 56 Applications: C, ELISA pplications: Specificity: mouse pecies:	member A Calculated M 149 aa, 17 kD Observed MV	W: Da V: Positive Cont WB : HT-29 cel cells	lls, mouse spleen tissue, HeLa cells, R			
IgG [°] Calculated MW: Immunogen Catalog Number: 149 aa, 17 kDa AG15566 Observed MW: 15-20 kDa 15-20 kDa Applications: Positive Controls: WB, IHC, ELISA WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: WB: HT-29 cells, mouse spleen tissue, HeLa Cited Species: HC: human colon cancer tissue, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive oor species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon an FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAI Notable Publications Author Pubmed ID Journal Applica	Applications Tested, WB, IHC Cited A WB, IHC Species human, Cited S human, Note-I	ogen Catalog Number: 56 Applications: C, ELISA pplications: Specificity: mouse pecies:	Calculated M 149 aa, 17 kD Observed MV	Da V: Positive Cont WB : HT-29 ce cells	lls, mouse spleen tissue, HeLa cells, R			
Immunogen Catalog Number: 149 aa, 17 KDa AG15566 Observed MW: 15-20 kDa 15-20 kDa Applications Tested Applications: WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: WB: HT-29 cells, mouse spleen tissue, HeLa Cited Specificity: HHC: human colon cancer tissue, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon an eAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM Notable Publications Author Pubmed ID Journal Applica	Applications Tested, WB, IHC Cited A WB, IHC Species human, Cited S human, Note-I	Applications: C, ELISA pplications: Specificity: mouse pecies:	149 aa, 17 kD Observed MV	Da V: Positive Cont WB : HT-29 ce cells	lls, mouse spleen tissue, HeLa cells, R			
AG15566 Observed MW: 15-20 kDa Applications Tested Applications: WB, IHC, EUSA Positive Controls: WB: HT-29 cells, mouse spleen tissue, HeLa cells Cited Applications: WB, IHC Species Specificity: human, mouse HC : human colon cancer tissue, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 HC : human colon cancer tissue, Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon an FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAI Notable Publications Notable Publications Author Pubmed ID Journal Applica Applica	AG1556 Applications Tested, WB, IHC Cited A WB, IHC Species human, Cited S human, Note-I	Applications: C, ELISA pplications: Specificity: mouse pecies:	Observed MV	V: Positive Cont WB : HT-29 ce cells	lls, mouse spleen tissue, HeLa cells, R			
Applications Positive Controls: WB, IHC, ELISA WB: HT-29 cells, mouse spleen tissue, HeLa cells WB, IHC IHC Species Specificity: IHC: human colon cancer tissue, human, mouse Cited Species: Cited Species: human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with Citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive org species meabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon an FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology.	Cited A WB, IHC Species human, Cited S human, Note-	F, ELISA pplications: s Specificity: mouse pecies:		Positive Cont WB : HT-29 ce cells	lls, mouse spleen tissue, HeLa cells, R			
WB, IHC, EUSA WB: HT-29 cells, mouse spleen tissue, HeLa Cited Applications: cells WB, IHC IHC : human colon cancer tissue, Species Specificity: human, mouse Cited Species: human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAI Notable Publications Author Pubmed ID Journal Applica Qi Zhou 36483027 Front Oncol IHC, WB	Cited A WB, IHC Species human, Cited S human, Note-	F, ELISA pplications: s Specificity: mouse pecies:		WB : HT-29 cells	lls, mouse spleen tissue, HeLa cells, R			
We, IRC, ELSA WB; HT-29 cells, mouse spleen tissue, HeLa Cited Applications: cells WB, IHC IHC : human colon cancer tissue, Species Specificity: human, mouse Cited Species: human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM Notable Publications Author Pubmed ID Journal Applica Qi Zhou 36483027 Front Oncol IHC.WB	Cited A WB, IHC Species human, Cited S human, Note-	pplications: Specificity: mouse pecies:		cells	•			
WB, IHC IHC : human colon cancer tissue, Species Specificity: human, mouse Cited Species: human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive oxor species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon are FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has up of the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has up of the members of FAM72 h	WB, IHC Species human, Cited S human, Note- I	s Specificity: mouse pecies:			olon cancer tissue,			
Species Specificity: human, mouse Cited Species: human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive oxy species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAI Notable Publications Author Pubmed ID Journal Applica Qi Zhou 36483027 Front Oncol IHC. NB	Species human, Cited S human, Note-	s Specificity: , mouse pecies:		IHC : human c	olon cancer tissue,			
human, mouse Cited Species: human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAI Notable Publications Author Pubmed ID Journal Applica Qi Zhou 36483027 Front Oncol IHC,WB	human, Cited S human, Note- I	mouse pecies:						
Cited Species: human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive oxispecies metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM Notable Publications Author Pubmed ID Journal Applica Qi Zhou 36483027 Front Oncol IHC,WB	Cited S human, Note-I	pecies:						
human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM Notable Publications Author Pubmed ID Journal Applica Qi Zhou 36483027 Front Oncol IHC,WB	human, Note- I							
TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information FAM72A, also named as LMIP and UGENE, is a mitochondrial protein which regulates cellular reactive ox species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and the members of FAM72 has some members a fatter of the species and t								
Dackground minormation species metabolism. It's up-regulated in malignant colon cancers, compared to normal colon and colon and FAM72 has some members A/B/C/D with higher homology. This antibody detects all the members of FAM Notable Publications Author Pubmed ID Journal Applica Qi Zhou 36483027 Front Oncol IHC,WB	retriev	f <mark>fer pH 9.0;</mark> (*) Alternativ val may be performed w	vely, antige					
Qi Zhou 36483027 Front Oncol IHC,WB	species	metabolism. It's up-regulated	d in malignant	colon cancers, compare	d to normal colon and colon adenoma			
	Notable Publications Author	Pub	omed ID	Journal	Application			
Yuwen Bai 36613817 Int J Mol Sci WB	Qi Zhou	J 364	483027	Front Oncol	IHC,WB			
	Yuwen	Bai 366	613817	Int J Mol Sci	WB			
Storage: Store at -20°C. Stable for one year after shipment.	Store at	t -20°C. Stable for one year aft	ter shipment.					
		Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.						
Aliquoting is unnecessary for -20° C storage								
	*** 20ul sizes contain 0.1% BSA	C	U					

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data





Various lysates were subjected to SDS PAGE followed by western blot with 21203-1-AP (FAM72 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using 21203-1-AP (FAM72 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).