For Research Use Only

GPR116 Polyclonal antibody

Catalog Number: 14047-1-AP 3 Publications



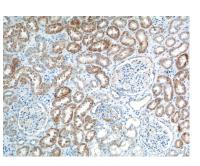
Size: GenelD (NCB)): Recommended Dilutions: 150u1, Concentration: 300 ug/ml by Bradford 221395 WB 1:500-1:000 Nanodrop and 253 ug/ml by Bradford UNIPROT ID: UNIPCT ID: Source: Full Name: Babbit G protein-coupled receptor 116 Isotype: Calculated MV: IgG IgG as 1.49 kDa Immunogen Catalog Number: Observed MV: AG5214 149 kDa Applications: WB :HC, ELISA WB :HEK-293 cells, HeLa cells, Y79 cells Cited Applications: WB :HC Species Specificity: Numan Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with Citrate Duffer pH 9.0; (*) Alternatively, antigen retrieval with citrate Background Information GPR116 (ADGRFS, adhesion G protein-coupled receptor FS) is involved in the G protein-coupled receptor signaling pathway may act upstream of or within several processes, includ glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis.	Basic Information	Catalog Number: 14047-1-AP	GenBank Accession Number: BC066121	Purification Method: Antigen affinity purification
1504. Concentration: 300 ug/ml by 221395 WB 1:500-1:100 Nanodrop and 253 ug/ml by Bradford UNIPOT ID: IHC 1:50-1:500 method using BSA as the standard: QB/Z 2 Source: Full Name: Rabbit C protein-coupled receptor 116 Isotype: C claudared MW: IgG 1346 aa, 149 kDa Immunogen Catalog Number: Observed MW: AG5214 149 kDa Npplications: WB: HEK-293 cells, HeLa cells, Y79 cells Cited Applications: WB: HEK-293 cells, HeLa cells, Y79 cells Cited Applications: WB: HEK-293 cells, HeLa cells, Y79 cells Mg, HC Species Specificity: HHC: human Cited Species: HHC: human Cleted Species: Human Coted Species: buffer pH 6.0 GR116 (ADCRF 5, adhesion G protein-coupled receptor F5) is involved in the C protein-coupled receptor signaling pathway, may act upstream of or within several processes, includ glomerular filtration; pharyngeal arch artery morphogenesis; and suffact ant homeostasis. Notable Publications: Nuthor Pubmed ID Journal Application Ii Yang 28624786 Oncotarget WB.HC Ginny Xiaohe Li 39703764 Cell Rep Med HC Ginny Xiaohe Li 39703764 Cell Rep Med				c 1
method using BSA as the standart: QBZP2 Source: Full Name: Rabbit G protein-coupled receptor 116 Isotype: Calculated MV: IgG 1346 aa, 149 KDa Immunogen Catalog Number: Observed MV: AG5214 149 KDa Npplications: Positive Controls: WB, IHC, EUSA WB: HEK-293 cells, HeLa cells, V79 cells Cited Applications: HC: human kidney tissue, Species Specificity: Human Numan Cited Species: Numan Cited Species: Numan GPR116 (ADGRF 5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway and zell surface receptor signaling pathway, may act upstream of or within several processes, include glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application Ii Yang 28624786 Oncotarget WB,IHC Tian Zheng 35049225 Medicine (Baltimore) IHC Ginny Xiaohe Li 38703764 Cell Rep Med IHC				
Rabbit Grotein-coupled receptor 116 Isotype: Calculated MW: IgG 1364 as, 149 kDa Immunogen Catalog Number: Observed MW: Ac5214 149 kDa Applications: WB: HEK-293 cells, Hela cells, Y79 cells Cited Applications: WB: HEK-293 cells, Hela cells, Y79 cells WB, HC, ELISA WB: HEK-293 cells, Hela cells, Y79 cells Cited Applications: WB: HC Species Specificity: Human Numan Cited Species: Numan Note-HFC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with retraively and cell surface receptor signing retrieval may be performed with citrate buffer pH 6.0 Background Information GPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signing patiway and cell surface receptor signing patiway and cell surface receptor signing patiway, may act upstream of or within several processes, includ giomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application Li Yang 28624786 Oncotarget WB;HC WB;HC Tian Zheng 35049225 Medicine (Baltimore) HC			UNIT KUT ID.	IHC 1:50-1:500
Storpe: Cloudent-coupled Piceptor 119 IgG 1366 aa, 149 kDa Immunogen Catalog Number: Observed MV: 149 kDa AG5214 149 kDa Applications: WB; HC, EUSA WB; HC, EUSA WB; HEC:323 cells, HeLa cells, Y79 cells Species Specificity: human HC : human kidney tissue, Species Specificity: human 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 CPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway, may act upstream of or within several processes, inclue glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application WB;HC Ginny Xiaohe Li 38703764 Cell Rep Med HC Storage: Storage: Storage: Storage:			Full Name:	
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We, IRC, ELSA WB: HEK-293 cells, HeLa cells, Y79 cells Cited Applications: IHC : human kidney tissue, WB, IRC Species Specificity: human Cited Species: Cited Species: human Rote-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information GPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway, may act upstream of or within several processes, inclue glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application UI Yang Value Tian Zheng 35049225 Medicine (Baltimore) IHC Ginny Xiaohe Li 38703764 Cell Rep Med IHC	Applications	Tested Applications:	Positiv	e Controls:
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PBS with 0.02% sodium azide and 50% glycerol pH 7.3.		Note-IHC: suggested antigen raTE buffer pH 9.0; (*) Alternationretrieval may be performed webuffer pH 6.0GPR116 (ADGRF5, adhesion G proteinpathway and cell surface receptor sigglomerular filtration; pharyngeal archAuthorPubLi Yang286Tian Zheng350	vely, antigen ith citrate -coupled receptor F5) is involve naling pathway. may act upstree h artery morphogenesis; and sur med ID Journal 24786 Oncotarget 49225 Medicine (Balting)	eam of or within several processes, including factant homeostasis. Application WB,IHC imore) IHC
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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

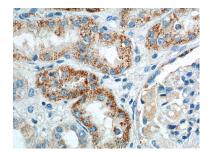
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data





HEK-293 cells were subjected to SDS PAGE followed by western blot with 14047-1-AP (GPR116 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night. Immunohistochemical analysis of paraffinembedded human kidney tissue slide using 14047-1-AP (GPR116 Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human kidney tissue slide using 14047-1-AP (GPR116 Antibody) at dilution of 1:100 (under 40x lens).