

For Research Use Only

FAM162A Polyclonal antibody, PBS Only

Catalog Number:32034-1-PBS



Basic Information

Catalog Number: 32034-1-PBS	GenBank Accession Number: BC015060	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 26355	
Source: Rabbit	UNIPROT ID: Q96A26	
Isotype: IgG	Full Name: family with sequence similarity 162, member A	
Immunogen Catalog Number: AG36569	Calculated MW: 154 aa, 17 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Family with sequence similarity 162 member A (FAM162A, also known as E2IG5, HGTD-P, and C3orf28) is a mitochondrial apoptotic protein, which is known as an HIF-1 alpha-responsive pro-apoptotic molecule (PMID: 15082785; 16698020; 22776087). When FAM162A was overexpressed, the hypoxia signal was sent directly to the mitochondria and caused cell death (PMID: 16698020).

Storage

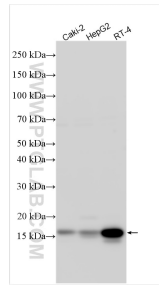
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

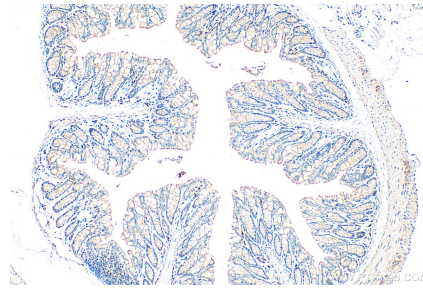
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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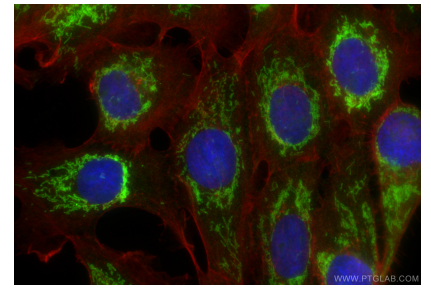
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32034-1-AP (FAM162A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32034-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 32034-1-AP (FAM162A antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32034-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using FAM162A antibody (32034-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red). This data was developed using the same antibody clone with 32034-1-PBS in a different storage buffer formulation.