

For Research Use Only

FAM162A Polyclonal antibody

Catalog Number: 32034-1-AP



Basic Information

Catalog Number: 32034-1-AP	GenBank Accession Number: BC015060	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 26355	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
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, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Caki-2 cells, HepG2 cells, RT-4 cells IF/ICC : A431 cells,

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

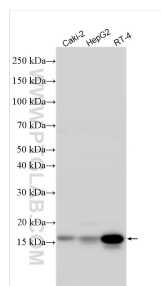
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

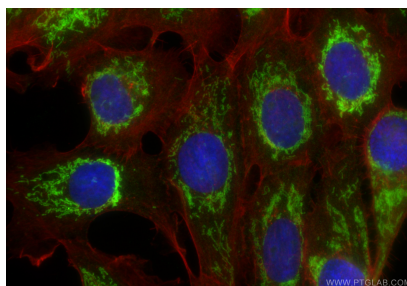
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 32034-1-AP (FAM162A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).