

For Research Use Only

# FAM162A Polyclonal antibody, PBS Only

Catalog Number: 32034-1-PBS



## Basic Information

Catalog Number:

32034-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36569

GenBank Accession Number:

BC015060

GeneID (NCBI):

26355

UNIPROT ID:

Q96A26

Full Name:

family with sequence similarity 162, member A

Calculated MW:

154 aa, 17 kDa

Observed MW:

17 kDa

Purification Method:

Antigen affinity Purification

## 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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

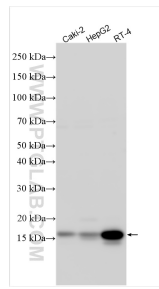
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

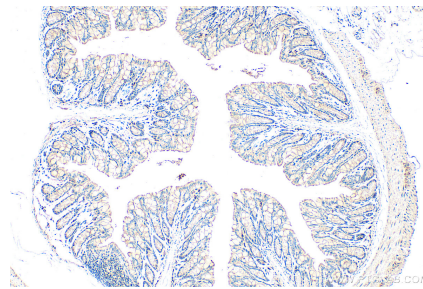
W: [ptgcn.com](http://ptgcn.com)

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

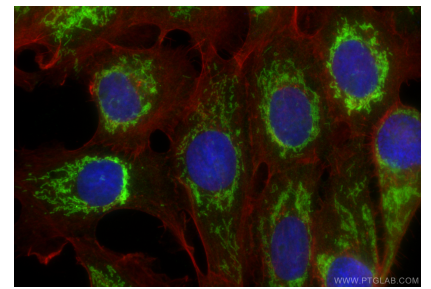
## Selected Validation Data



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. 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.