

For Research Use Only

FAM96A Polyclonal antibody

Catalog Number: 20776-1-AP

1 Publications



Basic Information

Catalog Number:

20776-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14770

GenBank Accession Number:

BC008865

GeneID (NCBI):

84191

UNIPROT ID:

Q9H5X1

Full Name:

family with sequence similarity 96, member A

Calculated MW:

160 aa, 18 kDa

Observed MW:

18-21 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

IP: U-937 cells, THP-1 cells

IF/ICC: A431 cells,

Background Information

FAM96A (family with sequence similarity 96, member A), also called cytosolic iron-sulfur assembly component 2A (CIAO2A), a recently identified member of the cytosolic iron-sulfur (Fe/S) protein assembly machinery and regulator of cellular iron homeostasis, is a novel pro-apoptotic APAF1-binding protein facilitating the effective induction of cell death via the mitochondrial apoptosis pathway. FAM96A is substantially enriched in macrophages comprised primarily of a DUF59 domain (residues 31-157) and an N-terminal signal peptide (residues 1-27), that is expressed at low levels in tumor cells (PMID: 29399066).

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaorui Fan	35654137	J Biol Chem	WB

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

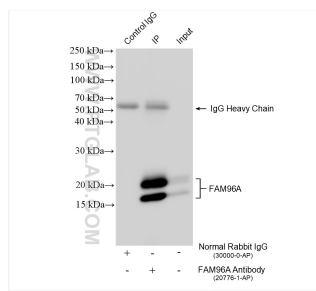
For technical support and original validation data for this product please contact:

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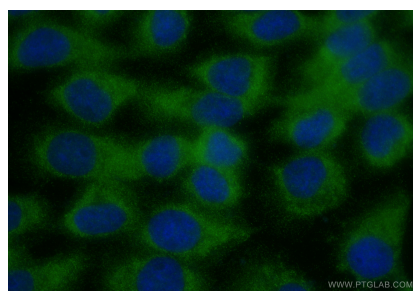
E: proteintech@ptglab.com
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Selected Validation Data



IP result of anti-FAM96A (IP:20776-1-AP, 4ug; Detection:20776-1-AP 1:600) with U-937 cells lysate 2240 ug.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using FAM96A antibody (20776-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).