

For Research Use Only

FAM96A Polyclonal antibody, PBS Only

Catalog Number:20776-1-PBS



Basic Information

Catalog Number:

20776-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

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).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

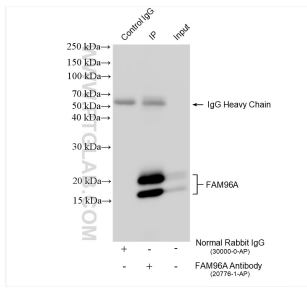
For technical support and original validation data for this product please contact:

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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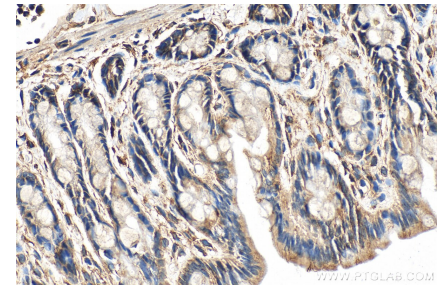
Selected Validation Data



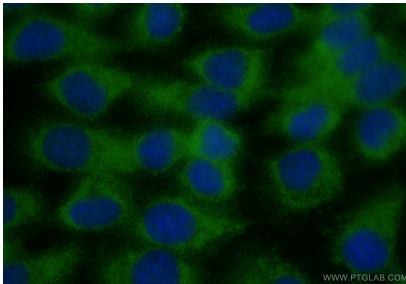
IP result of anti-FAM96A (IP:20776-1-AP, 4 μ g; Detection:20776-1-AP 1:600) with U-937 cells lysate 2240 μ g. This data was developed using the same antibody clone with 20776-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 20776-1-AP (FAM96A antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20776-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using 20776-1-AP (FAM96A antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20776-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 20776-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using FAM96A antibody (20776-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 20776-1-PBS in a different storage buffer formulation.