

For Research Use Only

FAM127 Polyclonal antibody

Catalog Number: 20282-1-AP

4 Publications



Basic Information

Catalog Number:

20282-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13930

GenBank Accession Number:

BC000393

GeneID (NCBI):

26071

UNIPROT ID:

Q9BWD3

Full Name:

family with sequence similarity 127, member B

Calculated MW:

113 aa, 13 kDa

Observed MW:

13 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: PC-3 cells, HeLa cells

IP: PC-3 cells,

IHC: human colon tissue, human brain tissue

IF/ICC: HepG2 cells,

Background Information

The FAM127 family currently has three members, namely FAM127A (also called RTL8C and CXX1), FAM127B (also called CXX1B and RTL8A), and FAM127C (also called RTL8B and CXX1C). They are located on chromosomes and their functions are unknown. All three are composed of 113 amino acids and have extremely high sequence similarity. The immunogen of this antibody has a sequence similarity of more than 95% with members of the FAM127 family. Theoretically, the antibody can recognize all members of the FAM127 family.

Notable Publications

Author	Pubmed ID	Journal	Application
Harihar Milaganur Mohan	35247097	Cell Mol Life Sci	WB
Alexandra M Whiteley	33277362	J Biol Chem	IP
Will Campodonico	39775359	PLoS One	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

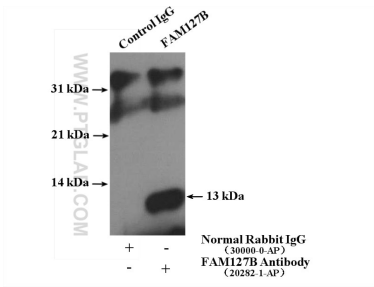
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

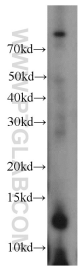
E: proteintech@ptglab.com
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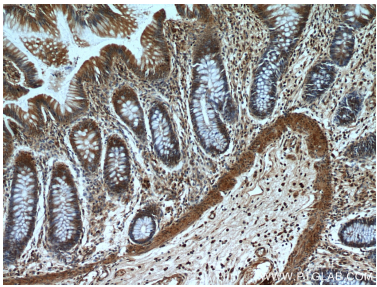
Selected Validation Data



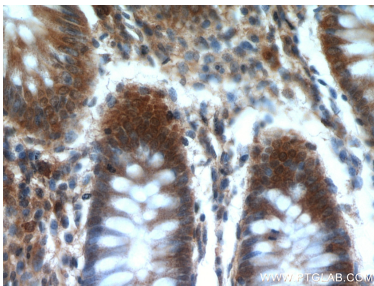
IP result of anti-FAM127 (IP:20282-1-AP, 4ug; Detection:20282-1-AP 1:500) with PC-3 cells lysate 3960 ug.



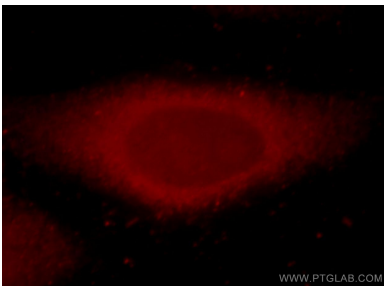
PC-3 cells were subjected to SDS PAGE followed by western blot with 20282-1-AP (FAM127B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon using 20282-1-AP (FAM127B antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon using 20282-1-AP (FAM127B antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using FAM127B antibody 20282-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).