

For Research Use Only

FAM127 Polyclonal antibody

Catalog Number: 20282-1-AP **2 Publications**



Basic Information

| | | |
|---|--|--|
| Catalog Number: 20282-1-AP | GenBank Accession Number: BC000393 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 400 µg/ml by Nanodrop; | GeneID (NCBI): 26071 | Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate |
| Source: Rabbit | Full Name: family with sequence similarity 127, member B | IHC 1:20-1:200 IF 1:10-1:100 |
| Isotype: IgG | Calculated MW: 113 aa, 13 kDa | |
| Immunogen Catalog Number: AG13930 | Observed MW: 13 kDa | |

Applications

| | |
|---|--|
| Tested Applications: IF, IHC, IP, WB, ELISA | Positive Controls: WB : PC-3 cells, HeLa cells |
| Cited Applications: IP, WB | IP : PC-3 cells, |
| Species Specificity: human, mouse, rat | IHC : human colon tissue, human brain tissue |
| Cited Species: human, mouse | IF : HepG2 cells, |

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

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 |

Storage

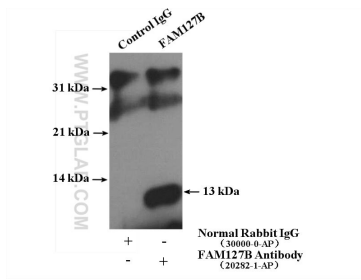
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

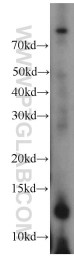
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

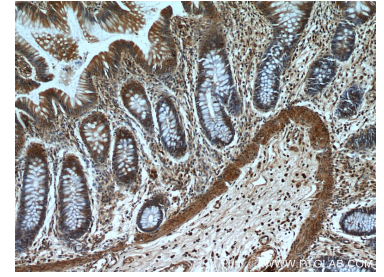
Selected Validation Data



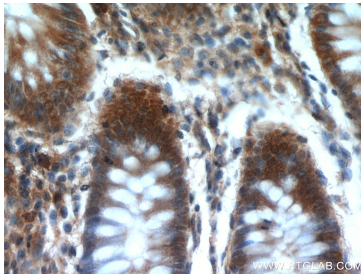
IP result of anti-FAM127B (IP:20282-1-AP, 4 μ g; Detection:20282-1-AP 1:500) with PC-3 cells lysate 3960 μ g.



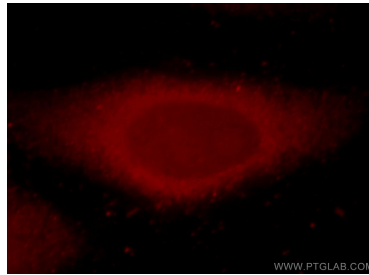
PC-3 cells were subjected to SDS PAGE followed by western blot with 20282-1-AP (FAM127B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).