

For Research Use Only

TMEM189 Polyclonal antibody

Catalog Number: 31293-1-AP



Basic Information

Catalog Number: 31293-1-AP	GenBank Accession Number: BC142966	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 150 ug/ml by Nanodrop;	GeneID (NCBI): 387521	Recommended Dilutions: IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: A5PLL7	
Isotype: IgG	Full Name: transmembrane protein 189	
Immunogen Catalog Number: AG34323	Observed MW: 31 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human colon tissue,
Species Specificity: human	
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

TMEM189 (Plasmanylethanolamine desaturase 1), also known as PEDS1. It is predicted to be located in the endoplasmic reticulum membrane. Plasmalogens are glycerophospholipids with a hydrocarbon chain linked by a vinyl ether bond at the glycerol sn-1 position, and are involved in antioxidative and signaling mechanisms (PMID: 31604315). The molecular weight of TMEM189 is 31 kDa.

Storage

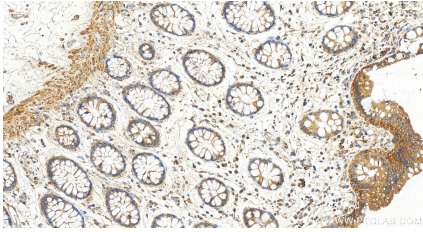
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

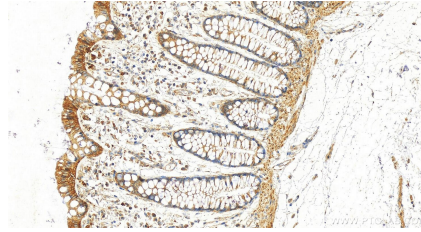
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 31293-1-AP (TMEM189 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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