

TMEM189 Polyclonal antibody

Catalog Number: 31293-1-AP

Basic Information

Catalog Number:

31293-1-AP

Size:

150 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34323

GenBank Accession Number:

BC142966

GeneID (NCBI):

387521

UNIPROT ID:

A5PLL7

Full Name:

transmembrane protein 189

Observed MW:

31 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IHC 1:200-1:800

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Positive Controls:

IHC : human colon tissue,

**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

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

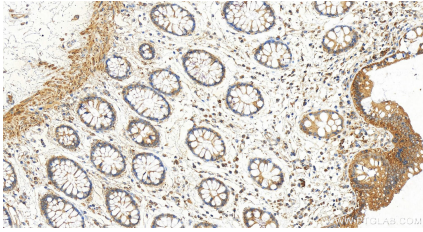
T: 4006900926

E: Proteintech-CN@ptglab.com

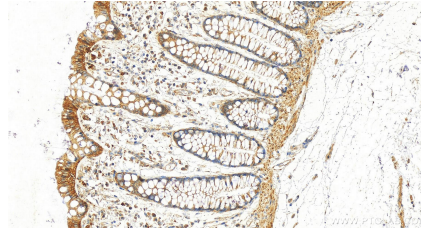
W: ptgcn.com

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

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).



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).