

For Research Use Only

# TMEM189 Polyclonal antibody, PBS Only

Catalog Number: 31293-1-PBS



## Basic Information

**Catalog Number:**

31293-1-PBS

**Size:**

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

**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

## Applications

**Tested Applications:**

IHC, Indirect ELISA

**Species Specificity:**

human

## Background Information

TMEM189 (Plasmalogen 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 -80°C.

**Storage Buffer:**

PBS Only

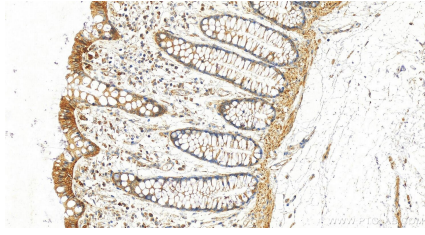
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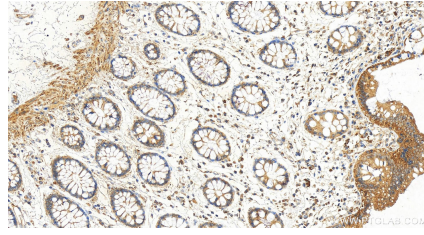
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## Selected Validation Data



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). This data was developed using the same antibody clone with 31293-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31293-1-PBS in a different storage buffer formulation.