

# TMEM161A Polyclonal antibody

Catalog Number: 24898-1-AP

## Basic Information

**Catalog Number:**

24898-1-AP

**Size:**

150ul , Concentration: 400 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG18974

**GenBank Accession Number:**

BC005210

**GeneID (NCBI):**

54929

**UNIPROT ID:**

Q9NX61

**Full Name:**

transmembrane protein 161A

**Calculated MW:**

479 aa, 54 kDa

**Observed MW:**

45 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Species Specificity:**

human, mouse, rat

**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 : MCF-7 cells, mouse liver tissue, rat liver tissue

IHC : mouse brain tissue, human brain tissue

## Background Information

TMEM161A also named as transmembrane protein 161A is a 479 amino acid protein which belongs to TMEM161 family. The molecular weight of TMEM161A is 56 kDa or 42 kDa. TMEM161A is a multi-pass membrane protein and localizes to the cell membrane. It may be involved in the negative regulation of intrinsic apoptotic signaling pathway in response to DNA damage and cellular response to oxidative stress.

## 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

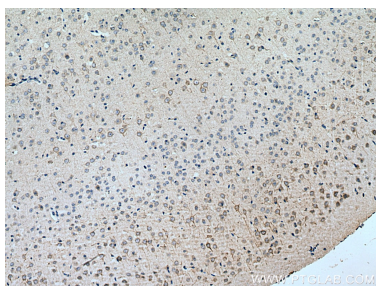
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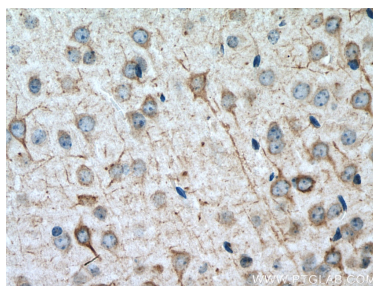
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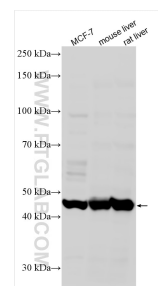
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24898-1-AP (TMEM161A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24898-1-AP (TMEM161A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 24898-1-AP (TMEM161A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.