

For Research Use Only

# TMEM161A Polyclonal antibody

Catalog Number:**24898-1-AP**



## Basic Information

|  |                |                                  |                                   |
|--|----------------|----------------------------------|-----------------------------------|
| <b>Catalog Number:</b>   | BC005210       | <b>GenBank Accession Number:</b> | Purification Method:              |
| <b>24898-1-AP</b>  |                |                                  | Antigen affinity purification     |
| <b>Size:</b>   | 54929          | <b>GenID (NCBI):</b>             | <b>Recommended Dilutions:</b>     |
| 150ul , Concentration: 400 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard; |                | <b>UNIPROT ID:</b>               | WB 1:500-1:2000<br>IHC 1:50-1:500 |
| <b>Source:</b>   | Q9NX61         | <b>Full Name:</b>                |                                   |
| Rabbit   |                | transmembrane protein 161A       |                                   |
| <b>Isotype:</b>  | 479 aa, 54 kDa | <b>Calculated MW:</b>            |                                   |
| IgG  |                | <b>Observed MW:</b>              |                                   |
| <b>Immunogen Catalog Number:</b>   | 45 kDa         |                                  |                                   |
| AG18974  |                |                                  |                                   |

## Applications

|                             |   |
|-----------------------------|---|
| <b>Tested Applications:</b> | <b>Positive Controls:</b>                             |
| WB, IHC, ELISA              | WB: MCF-7 cells, mouse liver tissue, rat liver tissue |
| <b>Species Specificity:</b> | IHC: mouse brain tissue, human brain 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

TMEM161A also named as transmembrane protein 161A is a 479 amino acid protein which belongs to TMEM16 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

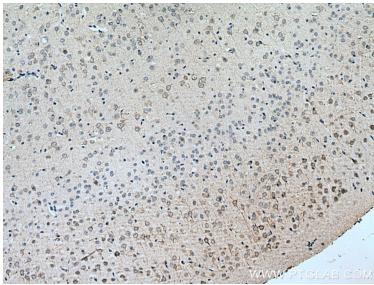
**\*\*\* 20ul sizes contain 0.1% BSA**

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)

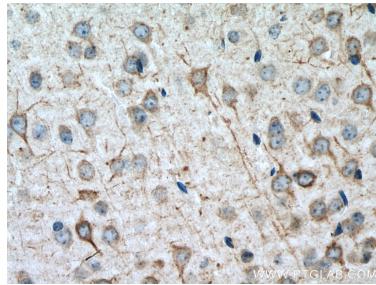
E: proteintech@ptglab.com  
W: ptglab.com

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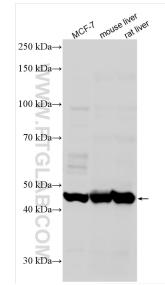
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded 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.