

For Research Use Only

# TMEM176A Polyclonal antibody

Catalog Number: 20378-1-AP



## Basic Information

<b>Catalog Number:</b> 20378-1-AP	<b>GenBank Accession Number:</b> BC008303	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55365	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> transmembrane protein 176A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 235 aa, 26 kDa	
<b>Immunogen Catalog Number:</b> AG14194	<b>Observed MW:</b> 28 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> fetal human brain tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> mouse brain tissue, human liver tissue
	<b>IF :</b> HeLa cells,

## Background Information

### Storage

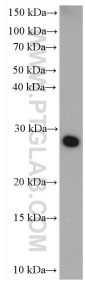
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

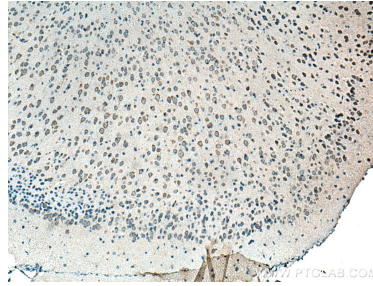
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

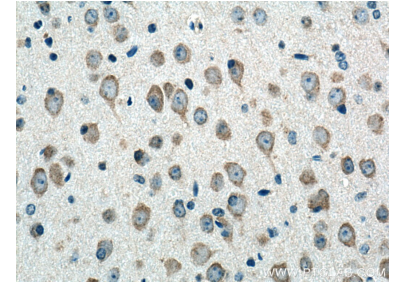
## Selected Validation Data



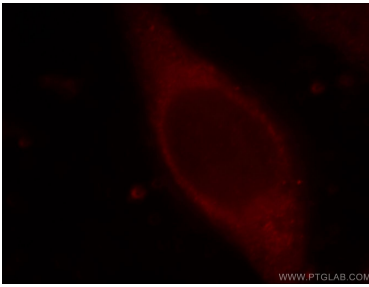
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 20378-1-AP (TMEM176A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20378-1-AP (TMEM176A 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 20378-1-AP (TMEM176A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using TMEM176A antibody 20378-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).