

For Research Use Only

# TMX3 Polyclonal antibody

Catalog Number: 21040-1-AP



## Basic Information

<b>Catalog Number:</b> 21040-1-AP	<b>GenBank Accession Number:</b> BC032325	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 54495	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> thioredoxin-related transmembrane protein 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 454 aa, 52 kDa	
<b>Immunogen Catalog Number:</b> AG15376	<b>Observed MW:</b> 65 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> mouse 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> human testis tissue, mouse brain tissue, human stomach tissue

## Background Information

### Storage

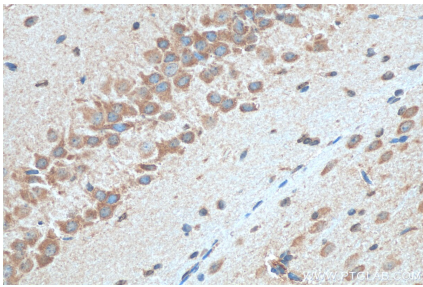
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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](mailto:proteintech@ptglab.com)  
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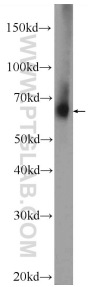
Selected Validation Data



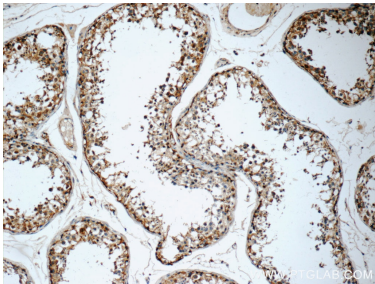
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21040-1-AP (TMX3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



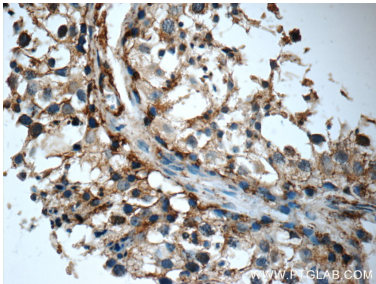
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21040-1-AP (TMX3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 21040-1-AP (TMX3 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 21040-1-AP (TMX3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 21040-1-AP (TMX3 Antibody) at dilution of 1:50 (under 40x lens).