

For Research Use Only

# TMEM97 Polyclonal antibody

Catalog Number: 26444-1-AP

Featured Product

5 Publications



## Basic Information

<b>Catalog Number:</b> 26444-1-AP	<b>GenBank Accession Number:</b> BC045655	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 27346	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> transmembrane protein 97	
<b>Isotype:</b> IgG	<b>Observed MW:</b> 19-20 kDa	
<b>Immunogen Catalog Number:</b> AG23917		

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : Caco-2 cells, mouse testis tissue IHC : mouse testis tissue, human liver tissue
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	

**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

### Notable Publications

Author	Pubmed ID	Journal	Application
Yu-Shiuan Cheng	34799735	Nat Chem Biol	WB
Hongtao Shen	34245862	Cell Signal	
Yu Zhang	33405049	J Bioenerg Biomembr	WB

## Storage

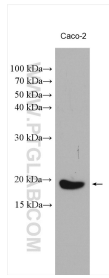
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

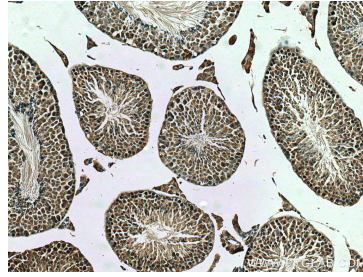
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Caco-2 cells were subjected to SDS PAGE followed by western blot with 26444-1-AP (TMEM97 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 26444-1-AP (TMEM97 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 testis tissue slide using 26444-1-AP (TMEM97 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).