

For Research Use Only

# TMEM102 Polyclonal antibody

Catalog Number: 25505-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

25505-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG22213

### GenBank Accession Number:

BC046189

### GeneID (NCBI):

284114

### UNIPROT ID:

Q8N9M5

### Full Name:

transmembrane protein 102

### Calculated MW:

508 aa, 54 kDa

### Observed MW:

50-60 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse

### Cited Species:

human

**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:** HepG2 cells, HeLa cells, Jurkat cells, mouse brain tissue

**IHC:** human testis tissue, human heart tissue

## Notable Publications

| Author        | Pubmed ID | Journal     | Application |
|---------------|-----------|-------------|-------------|
| Wei-Ting Liao | 37949232  | J Biol Chem | WB,IF       |

## 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

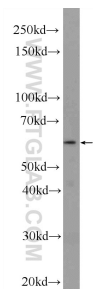
For technical support and original validation data for this product please contact:

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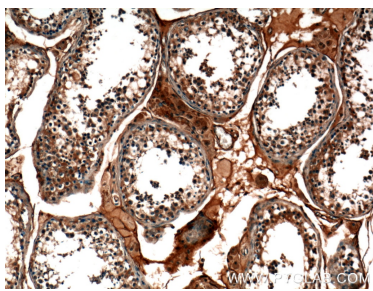
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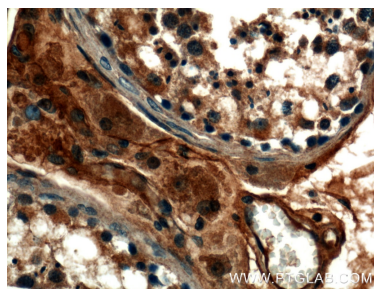
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 25505-1-AP (TMEM102 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 25505-1-AP (TMEM102 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 25505-1-AP (TMEM102 Antibody) at dilution of 1:200 (under 40x lens).