

For Research Use Only

# TGM4 Polyclonal antibody

Catalog Number: 15847-1-AP



## Basic Information

<b>Catalog Number:</b> 15847-1-AP	<b>GenBank Accession Number:</b> BC007003	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7047	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> transglutaminase 4 (prostate)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 684 aa, 77 kDa	
<b>Immunogen Catalog Number:</b> AG8608	<b>Observed MW:</b> 68-70 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

human, mouse, rat

**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:** mouse testis tissue, human testis tissue, HeLa cells, PC-3 cells, rat testis tissue

**IHC:** human testis tissue, human brain tissue, human kidney tissue, human ovary tissue, human placenta 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**

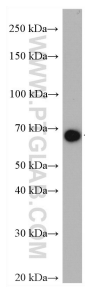
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

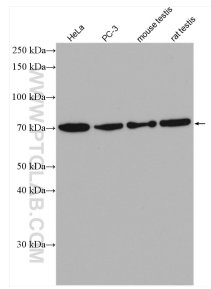
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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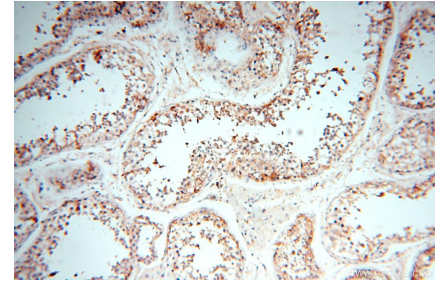
## Selected Validation Data



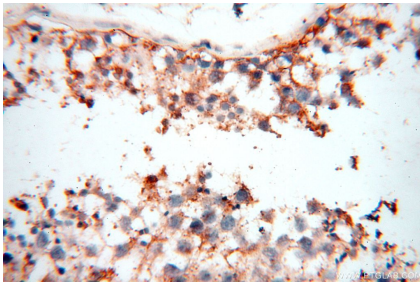
mouse testis tissue were subjected to SDS PAGE followed by western blot with 15847-1-AP (TGM4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 15847-1-AP (TGM4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 15847-1-AP (TGM4 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 15847-1-AP (TGM4 antibody) at dilution of 1:100 (under 40x lens).