

For Research Use Only

TGM4 Polyclonal antibody

Catalog Number: 15847-1-AP



Basic Information

Catalog Number: 15847-1-AP	GenBank Accession Number: BC007003	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 7047	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: P49221	
Isotype: IgG	Full Name: transglutaminase 4 (prostate)	
Immunogen Catalog Number: AG8608	Calculated MW: 684 aa, 77 kDa	
	Observed MW: 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

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

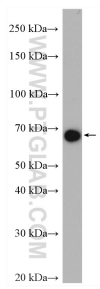
T: 4006900926

E: Proteintech-CN@ptglab.com

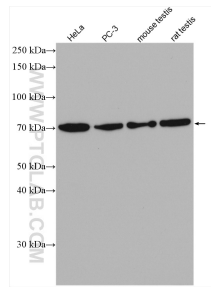
W: ptgcn.com

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

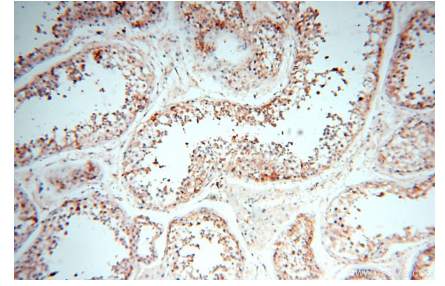
Selected Validation Data



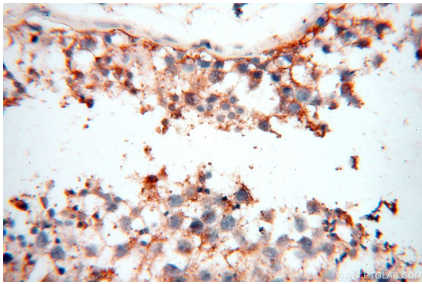
mouse testis tissue were subjected to SDS PAGE followed by western blot with 15847-1-AP (TGM4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).