

TGM4 Polyclonal antibody

Catalog Number: 15847-1-AP

Basic Information

Catalog Number:

15847-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8608

GenBank Accession Number:

BC007003

GeneID (NCBI):

7047

UNIPROT ID:

P49221

Full Name:

transglutaminase 4 (prostate)

Calculated MW:

684 aa, 77 kDa

Observed MW:

68-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

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:

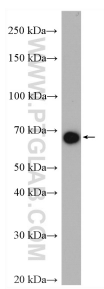
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

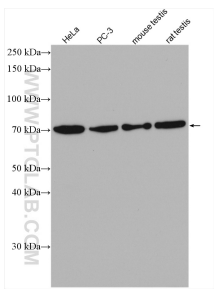
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

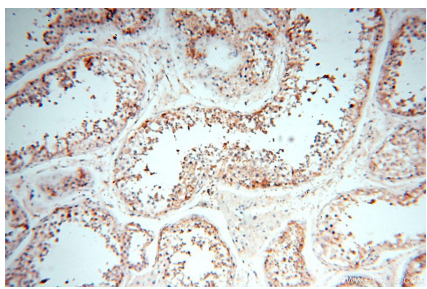
Selected Validation Data



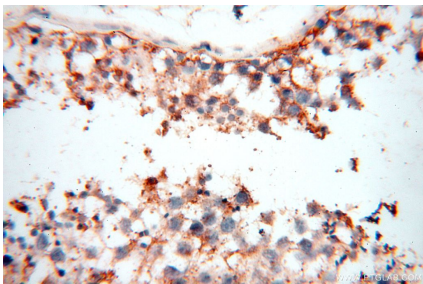
mouse testis tissue were subjected to SDS PAGE followed by western blot with 15847-1-AP (TGM4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).