

For Research Use Only

TGM5 Polyclonal antibody

Catalog Number: 25071-1-AP



Basic Information

Catalog Number:
25071-1-AP

Size:
150ul, Concentration: 700 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG18492

GenBank Accession Number:
BC122859

GeneID (NCBI):
9333

Full Name:
transglutaminase 5

Calculated MW:
720 aa, 81 kDa

Observed MW:
84 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Applications

Tested Applications:
IHC, IP, WB, ELISA

Species Specificity:
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

Positive Controls:

WB: mouse skin tissue, A431 cells

IP: mouse skin tissue,

IHC: human skin 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

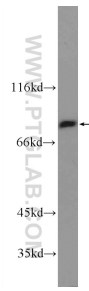
For technical support and original validation data for this product please contact:

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

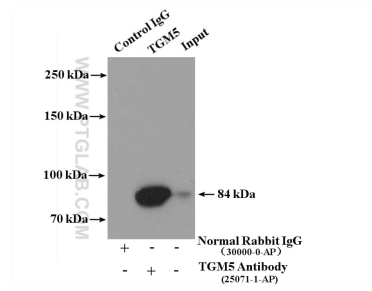
E: proteintech@ptglab.com
W: ptglab.com

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

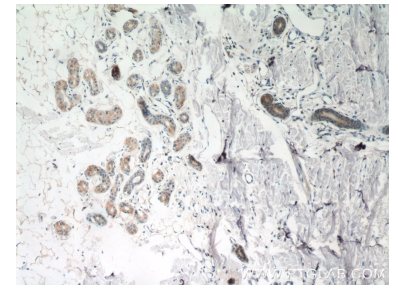
Selected Validation Data



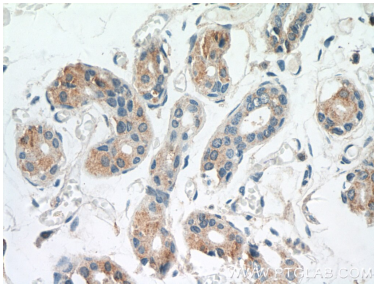
mouse skin tissue were subjected to SDS PAGE followed by western blot with 25071-1-AP (TGM5 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-TGM5 (IP:25071-1-AP, 4ug; Detection:25071-1-AP 1:500) with mouse skin tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 25071-1-AP (TGM5 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 25071-1-AP (TGM5 Antibody) at dilution of 1:50 (under 40x lens).