

For Research Use Only

# TGM5 Polyclonal antibody

Catalog Number: 25071-1-AP



## Basic Information

### Catalog Number:

25071-1-AP

### Size:

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

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG18492

### GenBank Accession Number:

BC122859

### GeneID (NCBI):

9333

### UNIPROT ID:

O43548

### 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 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, 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,

## 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

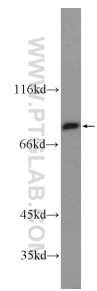
For technical support and original validation data for this product please contact:

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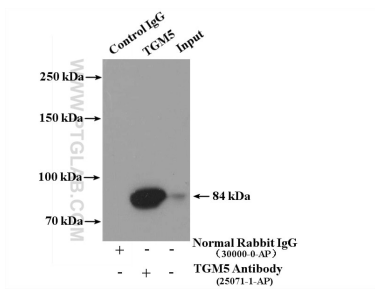
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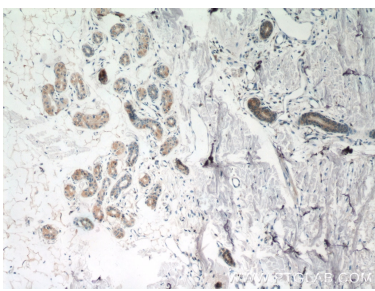
Selected Validation Data



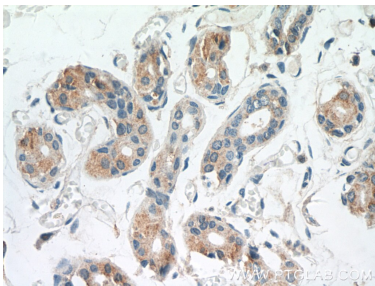
mouse skin tissue were subjected to SDS PAGE followed by western blot with 25071-1-AP (TGM5 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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).