

TGM5 Rabbit Polyclonal Antibody



CAB7039

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

81kDa

Calculated MW:

71kDa/80kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes a member of the transglutaminase family. The encoded protein catalyzes formation of protein cross-links between glutamine and lysine residues, often resulting in stabilization of protein assemblies. This reaction is calcium dependent. Mutations in this gene have been associated with acral peeling skin syndrome.

Immunogen information

Gene ID:

9333

Uniprot

O43548

Synonyms:

TGM5; PSS2; TGASE5; TGASEX; TGM6; TGMX; TGX

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

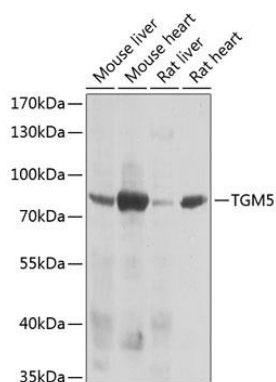
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 461-720 of human TGM5 (NP_963925.2).

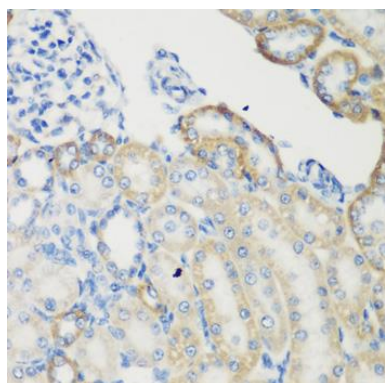
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

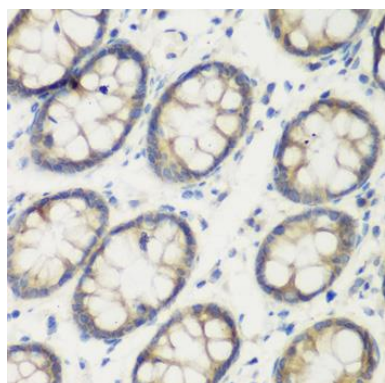
Product Images



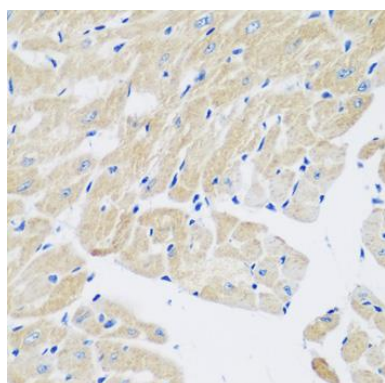
Western blot analysis of extracts of various cell lines, using TGM5 antibody (CAB7039) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunohistochemistry of paraffin-embedded rat kidney using TGM5 antibody (CAB7039) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human colon using TGM5 antibody (CAB7039) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using TGM5 antibody (CAB7039) at dilution of 1:200 (40x lens).