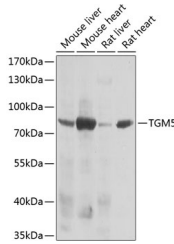


## TGM5 Polyclonal Antibody

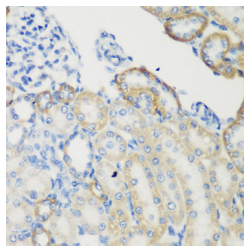
<b>Catalog No.</b>	E-AB-61484	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

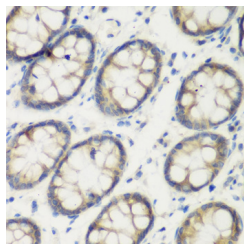
### Images



Western blot analysis of extracts of various cell lines using TGM5 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat kidney using TGM5 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Human colon using TGM5 Polyclonal Antibody at dilution of 1:200 (40x lens).

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human TGM5 (NP_963925.2).
<b>GeneID</b>	9333
<b>Swissprot</b>	O43548
<b>Synonyms</b>	TGM5,PSS2,TGASE5,TGASEX,TGM6,TGMX,TGX

### Product Information

<b>Calculated MW</b>	71kDa/80kDa
<b>Observed MW</b>	81kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IHC 1:50-1:200

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.