

Rabbit TGM5 Polyclonal Antibody | anti-TGM5 antibody

TGM5 Polyclonal Antibody

CATALOG # AAA279562	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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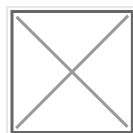
PRODUCT SYNONYMS

TGM5; Polyclonal Antibody; TGM5 Polyclonal Antibody; TGX; PSS2; TGM6; TGMX; TGASE5; TGASEX; anti-TGM5 antibody

PRODUCT SPECIFICATIONS

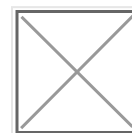
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	720
Applicable Applications for anti-TGM5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TGM5
Calculated Molecular Weight	81kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



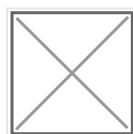
IHC (Immunohistochemistry)

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



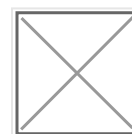
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-TGM5 antibody	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.
Product Categories/Family for anti-TGM5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20532415
NCBI GeneID	9333
UniProt Accession #	O43548; O43549; Q0VF40; Q9UEZ4
Molecular Weight	720
NCBI Official Full Name	Protein-glutamine gamma-glutamyltransferase 5
NCBI Official Synonym Full Names	transglutaminase 5
NCBI Official Symbol	TGM5
NCBI Official Synonym Symbols	TGX; PSS2; TGM6; TGMX; TGASE5; TGASEX
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase 5; TG(X); TGase X; TGase-5; transglutaminase V; transglutaminase X; transglutaminase-5
UniProt Protein Name	Protein-glutamine gamma-glutamyltransferase 5
UniProt Gene Name	TGM5
UniProt Synonym Gene Names	TGMX; TG(X); TGX; TGase X; TGase-5
UniProt Entry Name	TGM5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tgm5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279562>