

Rabbit Transglutaminase 2, Tissue (TGM2) Polyclonal Antibody | anti-TGM2 antibody

Polyclonal Antibody to Transglutaminase 2, Tissue (TGM2)

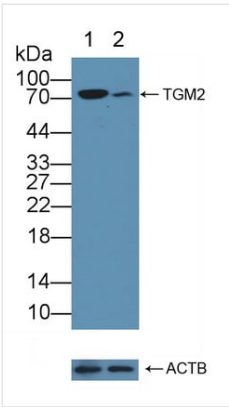
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132948	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Transglutaminase 2; Tissue (TGM2); Polyclonal Antibody; Polyclonal Antibody to Transglutaminase 2; anti-TGM2 antibody

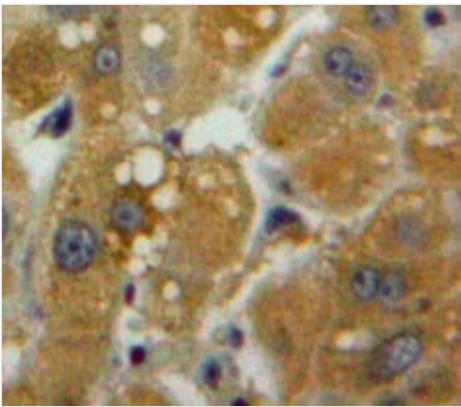
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	687
Applicable Applications for anti-TGM2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Organism Species	Homo sapiens (Human)
Source	Polyclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant TGM2 (Met1~Ala687 (Accession # P21980)) expressed in E.coli
Cross Reactivity	Human, Mouse, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



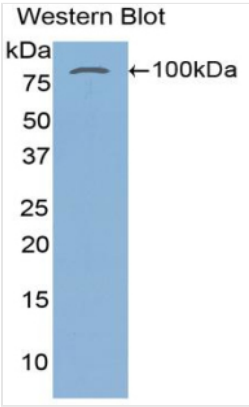
Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: TGM2 knockout HeLa cell lysate; Predicted MW: 77kd Observed MW: 77kd Primary Ab: 1ug/ml Rabbit Anti-Human TGM2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



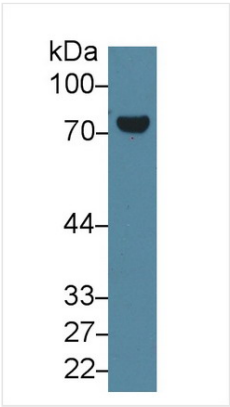
IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded Liver tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Mouse Placenta lysate; Primary Ab: 1ug/ml Rabbit Anti-Human TGM2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-TGM2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1020158911
NCBI GeneID	7052
NCBI Accession #	NP_001310245.1
NCBI GenBank Nucleotide #	NM_001323316.1
UniProt Accession #	P21980; Q16436; Q6B838; Q9BTN7; Q9H035; Q9UH35; E1P5V9
NCBI Official Full Name	protein-glutamine gamma-glutamyltransferase 2 isoform a
NCBI Official Synonym Full Names	transglutaminase 2
NCBI Official Symbol	TGM2
NCBI Official Synonym Symbols	TGC; TG(C)
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase 2

UniProt Protein Name	Protein-glutamine gamma-glutamyltransferase 2
UniProt Gene Name	TGM2
UniProt Synonym Gene Names	TG(C); TGC; TGase C; TGase H; TGase-2

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/transglutaminase-2-tissue-tgm2-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/132948>