

Rabbit TGM2 Polyclonal Antibody | anti-TGM2 antibody

TGM2 Polyclonal Antibody

CATALOG # AAA166440	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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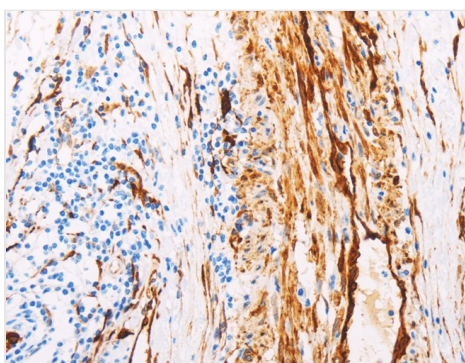
PRODUCT SYNONYMS

TGM2; Polyclonal Antibody; TGM2 Polyclonal Antibody; TG2; TGC; GNAH; G-ALPHA-h; anti-TGM2 antibody

PRODUCT SPECIFICATIONS

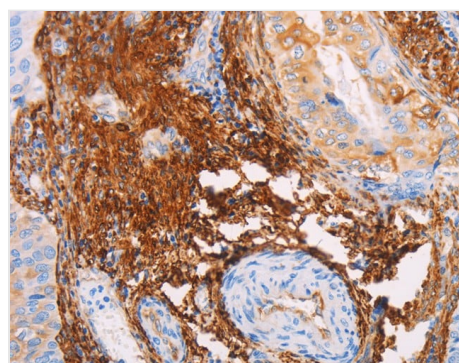
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.6mg/mL (varies by lot)
Sequence Length	93
Applicable Applications for anti-TGM2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human TGM2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



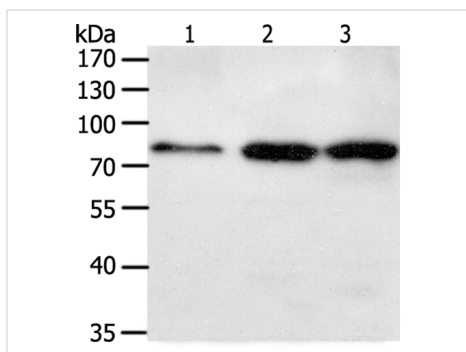
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using TGM2 Polyclonal Antibody at dilution of 1:15



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer using TGM2 Polyclonal Antibody at dilution of 1:15



WB (Western Blot)

Western Blot analysis of Lovo and hela cell, Human liver cancer tissue using TGM2

Polyclonal Antibody at dilution of 1:150

ADDITIONAL INFORMATION

Related Product Information for anti-TGM2 antibody	Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-TGM2 antibody	Cell biology; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	49522843
NCBI GeneID	7052
Molecular Weight	38,671 Da
NCBI Official Full Name	TGM2 protein, partial
NCBI Official Synonym Full Names	transglutaminase 2
NCBI Official Symbol	TGM2
NCBI Official Synonym Symbols	TG2; TGC; GNAH; HEL-S-45; G-ALPHA-h
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase 2; C polypeptide, protein-glutamine-gamma-glutamyltransferase; TG(C); TGase C; TGase H; TGase-2; TGase-H; epididymis secretory protein Li 45; tissue transglutaminase; transglutaminase C; transglutaminase H; transglutaminase-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
UniProt Entry Name	TGM2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/tgm2-antibody-immunohistochemistry-western-blot-elisa/166440>