

Rabbit anti-Human Transglutaminase 2 Polyclonal Antibody | anti-TGM2 antibody

Transglutaminase 2 Antibody

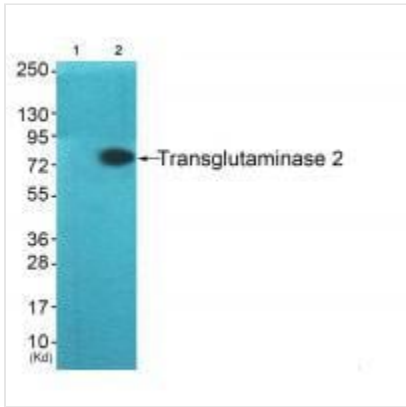
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306657	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

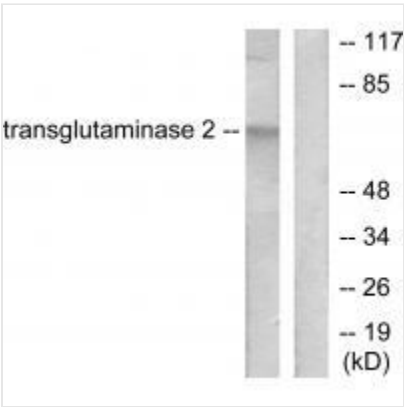
Transglutaminase 2; Polyclonal Antibody; Transglutaminase 2 Antibody; Protein-glutamine gamma-glutamyltransferase; TG(C); TGC; TGase C; TGase-H; anti-TGM2 antibody

PRODUCT SPECIFICATIONS

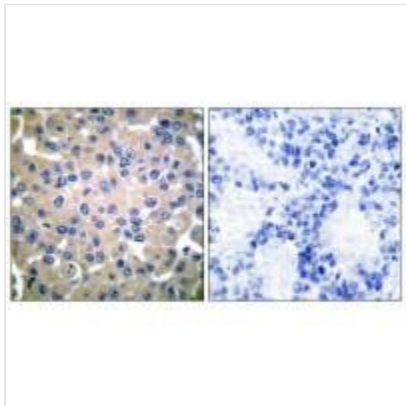
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Transglutaminase 2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	687
Applicable Applications for anti-TGM2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Transglutaminase 2 antibody.
Target Name	Transglutaminase 2
Preparation and Storage	Store at -20 degree C



WB (Western Blot)
Western blot analysis of extracts from HuvEc cells (Lane 2), using Transglutaminase 2 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from HuvEc cells, using Transglutaminase 2 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Transglutaminase 2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TGM2 antibody	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins.Liya Yuan, Mol. Cancer Ther., Sep 2005; 4: 1293 - 1302. Luba Eligula, Biophys. J., Feb 1998; 74: 953 - 963. Azin Agah, Am. J. Pathol., Jul 2005; 167: 81 - 88. Gina M. Zainelli, J. Neurosci., Feb 2004; 24: 1954.
Product Categories/Family for anti-TGM2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	39777597
NCBI GeneID	7052
NCBI Accession #	NP_004604.2
NCBI GenBank Nucleotide #	NM_004613.2
UniProt Accession #	P21980; Q16436; Q6B838; Q9BTN7; Q9UH35; E1P5V9
Molecular Weight	38,671 Da
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	TG2; TGC; GNAH; HEL-S-45; G-ALPHA-h
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/transglutaminase-2-antibody-immunohistochemistry-western-blot-elisa/306657>