

anti-Human, Mouse Transglutaminase 2 Antibody | anti-TGC antibody

Transglutaminase 2 Antibody

CATALOG # AAA110481	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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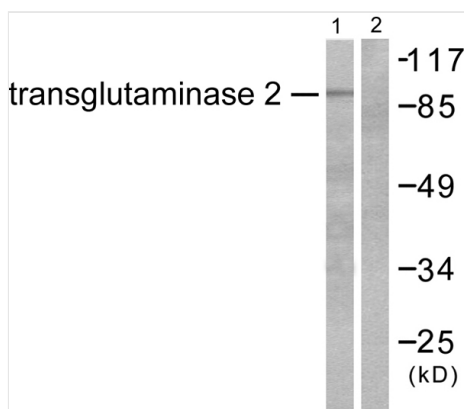
PRODUCT SYNONYMS

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

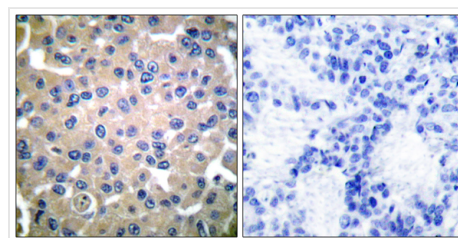
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Transglutaminase 2 antibody detects endogenous levels of total Transglutaminase 2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	687
Applicable Applications for anti-TGC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Transglutaminase 2 antibody.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using Transglutaminase 2 antibody.


IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Transglutaminase 2 antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TGC antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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.

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
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	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/tgc-human-mouse-antibody/transglutaminase-2/110481>