

Rabbit anti-Human TG2 Polyclonal Antibody | anti-TG2 antibody

Rabbit anti-TG2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212557	Rabbit	Human	Immunoprecipitation, Western Blot

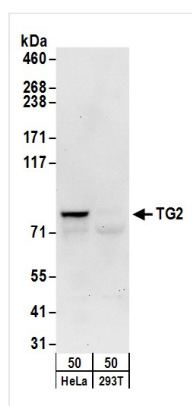
PRODUCT SYNONYMS

TG2; Polyclonal Antibody; Rabbit anti-TG2 Antibody; Affinity Purified; TGC; Transglutaminase-2; transglutaminase H; tissue transglutaminase; TGase-2; C polypeptide; protein-glutamine-gamma-glutamyltransferase; TGase C; TG(C); protein-glutamine gamma-glutamyltransferase 2; TGase H; transglutaminase C; Protein-glutamine gamma-glutamyltransferase 2; transglutaminase 2; anti-TG2 antibody

PRODUCT SPECIFICATIONS

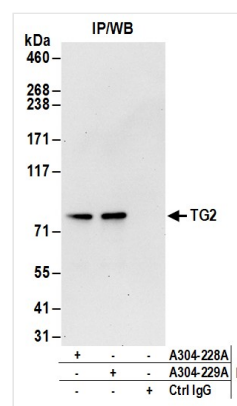
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TG2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 637 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human TG2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells. Antibodies: Affinity purified rabbit anti-TG2 antibody AAA212557 (lot AAA212557-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human TG2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-TG2 antibody AAA212557 (lot AAA212557-1) used for IP at 6 ug/mg lysate. TG2 was also immunoprecipitated by rabbit anti-TG2 antibody For blotting immunoprecipitated TG2, AAA212557 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TG2 antibody	Tissue transglutaminase (TG2) catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P21980].
Product Categories/Family for anti-TG2 antibody	Primary Antibodies

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 ; Q9UHV3 ; E1P5V9
Molecular Weight	77,329 Da
NCBI Official Full Name	protein-glutamine gamma-glutamyltransferase 2 isoform a
NCBI Official Synonym Full Names	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
NCBI Official Symbol	TGM2
NCBI Official Synonym Symbols	TG2; TGC; GNAH; G-ALPHA-h
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase 2; TG(C); TGase C; TGase H; TGase-2; TGase-H; C polypeptide; transglutaminase C; transglutaminase H; transglutaminase-2; tissue transglutaminase; protein-glutamine-gamma-glutamyltransferase
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.