

Rabbit Transglutaminase-1 Polyclonal Antibody | anti-TGM1 antibody

Transglutaminase-1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA292048	Rabbit	Rat, Pig, Dog	Immunofluorescence, Immunohistochemistry, Immunohistochemistry

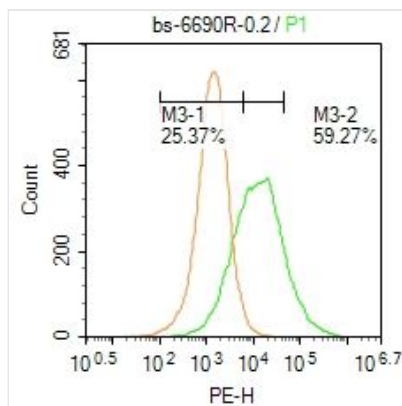
PRODUCT SYNONYMS

Transglutaminase-1; Polyclonal Antibody; Transglutaminase-1 Polyclonal Antibody; Protein-glutamine gamma-glutamyltransferase K; 2.3.2.13; Epidermal TGase; Transglutaminase K; TG (K); TKG; TGase K; TGase-1; TGM1; KTG; anti-TGM1 antibody

PRODUCT SPECIFICATIONS

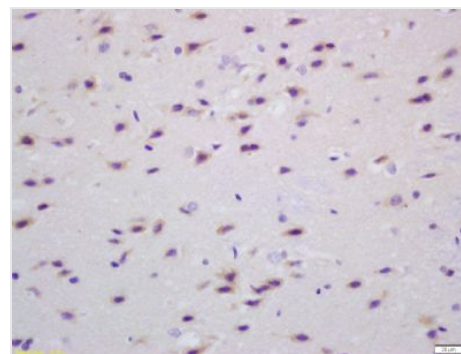
Host	Rabbit
Reactivity	Rat, Pig, Dog
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Applicable Applications for anti-TGM1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Blank control: Hela. Primary Antibody (green line): Rabbit Anti-Transglutaminase antibody (bs-6690R) Dilution: 1 ug /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 0.2 ug /test. Protocol The cells were incubated in 5 %BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



IHC (Immunohistochemistry)

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37 degree C for 20 min; Incubation: Anti-Transglutaminase Polyclonal Antibody, Unconjugated(bs-6690R) 1:200, overnight at 4 degree C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

NCBI AND UNIPROT INFORMATION

NCBI GI #	57015359
NCBI GeneID	7051
UniProt Accession #	P22735; Q197M4; B4DWR7

Molecular Weight	40,628 Da
NCBI Official Full Name	Protein-glutamine gamma-glutamyltransferase K
NCBI Official Synonym Full Names	transglutaminase 1
NCBI Official Symbol	TGM1
NCBI Official Synonym Symbols	LI; KTG; LI1; TGK; ICR2; ARCI1; TGASE
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase K; TG(K); TGase K; TGase-1; epidermal TGase; transglutaminase K; transglutaminase-1; transglutaminase 1 isoform; transglutaminase, keratinocyte; K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltr
UniProt Protein Name	Protein-glutamine gamma-glutamyltransferase K
UniProt Gene Name	TGM1
UniProt Synonym Gene Names	KTG; TG(K); TGK; TGase K; TGase-1
UniProt Entry Name	TGM1_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-1-antibody-immunofluorescence-immunohistochemistry-immunohistochemistry-elisa/292048>