



Goat anti-Transglutaminase 3 (aa598-610) Antibody

Item Number	dAP-2512
Target Molecule	Principle Name: Transglutaminase 3 (aa598-610); Official Symbol: TGM3; All Names and Symbols: TGM3; transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase); MGC126249; MGC126250; TGE; TG(E); TGase E; TGase-3; protein-glutamine gamma-glutamyltransferase E; transglutaminase E; transglutaminase-3; Accession Number (s): NP_003236.3; Human Gene ID(s): 7053; Non-Human GeneID(s):
Immunogen	TLEVLNEARVRKP, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 80kDa band observed in Human Tonsil lysates (calculated MW of 76.6kDa according to NP_003236.3). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Yamane A, Fukui M, Sugimura Y, Itoh M, Alea MP, Thomas V, El Alaoui S, Akiyama M, Hitomi K. Identification of a preferred substrate peptide for transglutaminase 3 and detection of in situ activity in skin and hair follicles. FEBS J. 2010 Sep;277(17):3564-74..PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**