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Research Use Only. Not for diagnostic or therapeutic use.

EB11082 - Goat Anti-Transglutaminase 3 (aa598-610) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MGC126249, MGC126250, protein-glutamine

gamma-glutamyltransferase E, TG(E), TGase E, TGase-3, TGE, transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase), transglutaminase E,

transglutaminase-3, TGM3
Official Symbol: TGM3

Accession Number(s): NP_003236.3

Human GeneID(s): 7053

Immunogen

Peptide with sequence C-TLEVLNEARVRKP, from the internal region of the protein sequence according to NP_003236.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 80kDa band observed in Human Tonsil lysates (calculated MW of

76.6 kDa according to NP_003236.3). Recommended concentration: $0.3\text{-}1\mu\text{g/ml}.$

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB11082 (0.3μg/ml) staining of Human Tonsil lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.