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Research Use Only. Not for diagnostic or therapeutic use.

EB11081 - Goat Anti-Transglutaminase 2 (aa578-591) Antibody

Size: 100µg specific antibody in 200µl

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Target Protein

Principal Names: C polypeptide, G-ALPHA-h, GNAH, protein-glutamine gamma-glutamyltransferase 2, protein-glutamine-gamma-glutamyltransferase, TG(C), TG2, TGase C, TGase H, TGase-2, TGase-H, TGC, tissue transglutaminase, transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase), transglutaminase C, transglutaminase H, transglutaminase-2, TGM2 Official Symbol: TGM2 Accession Number(s): NP_004604.2 Human GenelD(s): 7052 Non-Human GenelD(s): 21817 (mouse), 56083 (rat) Important Comments: This antibody is expected to recognize isoform a (NP_004604.2) only.

Immunogen

Peptide with sequence C-ERDLYLENPEIKIR, from the internal region of the protein sequence according to NP_004604.2.

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.

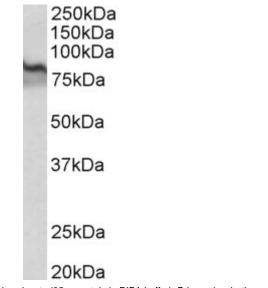
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 80kDa band observed in Mouse and Rat Kidney lysates (calculated MW of 77.3kDa according to Human NP_004604.2 and 77.0kDa according to Mouse NP_033399.1). Recommended concentration: $1-3\mu g/ml$.

Species Reactivity

Tested: Mouse, Rat Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow



EB11081 (1µg/ml) staining of Mouse Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.