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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11085 - Goat Anti-transglutaminase 4 (aa49-63) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: fibrinolyticase, FLJ26776, hTGP, prostate transglutaminase, prostate-specific transglutaminase, protein-glutamine gamma-glutamyltransferase 4, TG(P), TGase P, TGase-4, TGP, transglutaminase 4 (prostate), transglutaminase P, transglutaminase-4, TGM4

Official Symbol: TGM4

Accession Number(s): NP_003232.2

Human GeneID(s): [7047](#)

Immunogen

Peptide with sequence C-NQPLQSYHQLKLEFS, from the internal region (near N Terminus) of the protein sequence according to NP_003232.2.

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

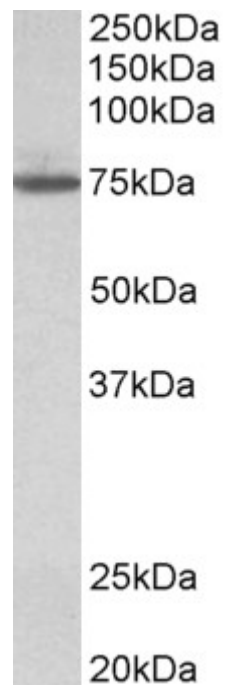
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 75kDa band observed in lysates of cell line HeLa (calculated MW of 77.1kDa according to NP_003232.2). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11085 (1 μ g/ml) staining of HeLa lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.