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EB09569 - Goat Anti-Talin 1 / TLN1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TLN1, talin 1, ILWEQ, KIAA1027, TLN

Official Symbol: TLN1

Accession Number(s): NP_006280.3

Human GenelD(s): 7094

Non-Human GenelD(s): 21894 (mouse), 313494 (rat)

Important Comments: This antibody is not expected to cross-react with the highly similar

protein Talin 2.

Immunogen

Peptide with sequence C-QEALHTQMLTAVQE, from the internal region of the protein sequence according to NP_006280.3.

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 1:8000.

Western blot: A >250kDa band observed in Human Peripheral Mononucleocyte lysates (calculated MW of 270kDa according to NP_006280.3). Recommended concentration: 1-3μg/ml. An additional band of unknown identity was also consistently observed at 110kDa. This band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

EB09569 (1μg/ml) staining of Human Peripheral Mononucleocytes lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.