

## UK Office

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

## 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 GeneID(s):** [7094](#)

**Non-Human GeneID(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. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:** Human

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

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