

#### **International Office**

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# EB09793 - Goat Anti-TIAL1 & TIA Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** MGC33401, OTTHUMP00000020602, OTTHUMP00000020605, TCBP, T-cluster binding protein, TIA1 cytotoxic granule-associated RNA binding protein-like 1, TIA1 cytotoxic granule-associated RNA-binding p, TIA-1 related protein,

TIA-1-related nucleolysin, TIAR, TIAL1

Official Symbol: TIAL1

Accession Number(s): NP\_003243.1; NP\_001029097.1

Human GeneID(s): 7073, 7072

Non-Human GenelD(s): 21843 (mouse)

Important Comments: This antibody is expected to recognize both isoforms

(NP\_003243.1; NP\_001029097.1).

### **Immunogen**

Peptide with sequence C-SPEITTEDIKSAFAP, from the internal region of the protein sequence according to NP\_003243.1; NP\_001029097.1.

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 1:64000.

**Western blot:** Approx 45kDa band observed in lysates of cell line K562 (calculated MW of 43.4kDa according to NP\_001029097.1). Recommended concentration: 1-3µg/ml. **IHC:** In paraffin embedded Human Skin shows staining of select keratinocytes.

Recommended concentration, 3-5  $\mu$ g/ml.

## **Species Reactivity**

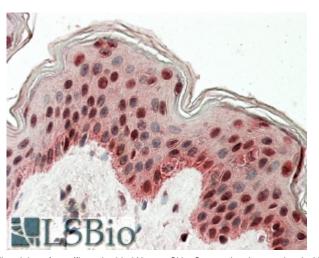
Tested: Human

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

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

15kDa

EB09793 ( $2\mu g/ml$ ) staining of K562 lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB09793 (3.8μg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.