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Research Use Only. Not for diagnostic or therapeutic use.

EB07170 - Goat Anti-TRAF1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TRAF1, TNF receptor-associated factor 1, EBI6, MGC:10353,

Epstein-Bar virus-induced protein 6

Official Symbol: TRAF1

Accession Number(s): NP_005649.1

Human GeneID(s): 7185

Non-Human GenelD(s): 22029 (mouse)

Immunogen

Peptide with sequence C-KLQSPKHAYVKDD, from the C Terminus of the protein sequence according to NP_005649.1.

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 1:16000.

Western blot: Approx 50-55kDa band observed in lysates of monocytic leukemia cell line U937 (calculated MW of 46.2kDa according to NP_005649.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Pryhuber et al , Am J Respir Cell Mol Biol. 2000 Feb;22(2):150-6. PMID: 10657935). Recommended concentration: 0.3-1.0µg/ml.

IHC: Paraffin embedded Human Thymus and Small Intestine. Recommended concentration: 2.5µg/ml.

Species Reactivity

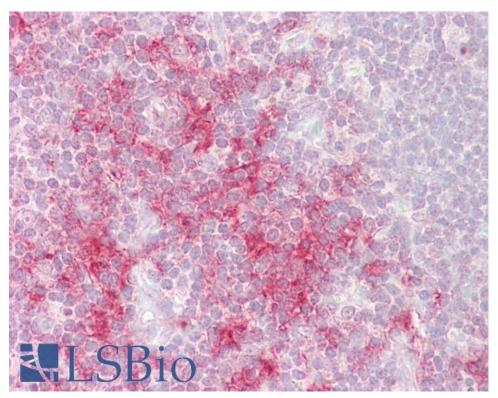
Tested: Human

Expected from sequence similarity: Human, Mouse

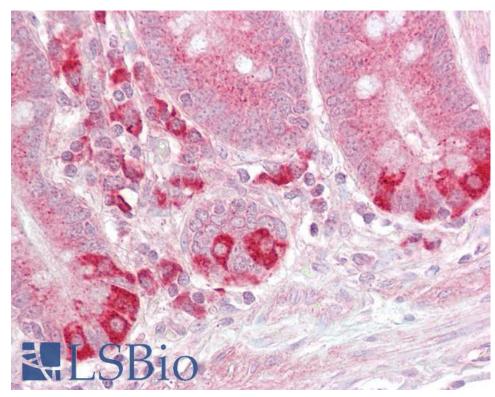
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB07170 (0.5μg/ml) staining of U937 cell lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.



EB07170 (2.5μg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



 $EB07170~(2.5\mu g/ml)~staining~of~paraffin~embedded~Human~Small~Intestine.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$