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Research Use Only. Not for diagnostic or therapeutic use.

EB05528 - Goat Anti-ELF1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ELF1, E74-like factor 1 (ets domain transcription factor),

OTTHUMP00000018310, ets-related transcription factor Elf-1

Official Symbol: ELF1

Accession Number(s): NP_758961.1; NP_001138825.1

Human GeneID(s): 1997

Non-Human GenelD(s): 13709 (mouse)

Important Comments: This antibody is expected to recognise both reported isoforms.

Immunogen

Peptide with sequence C-AMKQNELLEPNSF, from the C Terminus of the protein sequence according to NP_758961.1; NP_001138825.1.

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

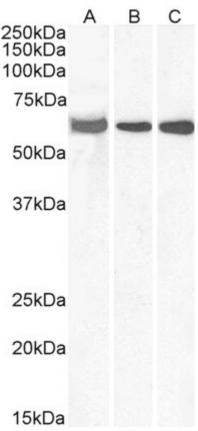
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 65kDa band observed in Human Lymph Node and Tonsil and in Mouse Thymus lysates (calculated MW of 64.9kDa according to Human NP_001138825.1 and 62.3kDa according to Mouse NP_001273341.1). Recommended concentration: 0.1-0.3μg/ml. Approx 70kDa band observed in lysates of cell line Jurkat (calculated MW of 67.5kDa according to NP_758961.1). Recommended concentration: 0.03-0.1μg/ml. IHC: Paraffin embedded Human Thymus. Recommended concentration: 2.5μg/ml.

Species Reactivity

Tested: Human, Mouse

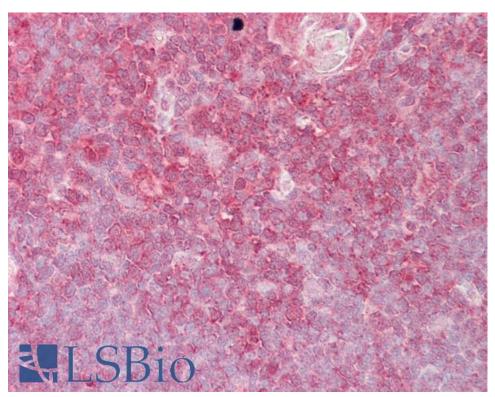
Expected from sequence similarity: Human, Mouse



EB05528 (0.3μg/ml) staining of Human Lymph Node (A), Human Tonsil (B) and Mouse Thymus (C) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05528 (0.1 μ g/ml) staining of Jurkat cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05528 (2.5 μ g/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.