

Goat anti-ELF1 Antibody

Item Number dAP-0342

Target Molecule Principle Name: ELF1; Official Symbol: ELF1; All Names and Symbols: ELF1; E74-like factor 1 (ets domain transcription factor); OTTHUMP00000018310; ets-related transcription factor Elf-1; Accession Number (s): NP_758961.1; NP_001138825.1; Human Gene ID(s): 1997; Non-Human GenID(s): 13709 (mouse)

Immunogen AMKQNELLPEPNSF, is from C Terminus
This antibody is expected to recognise both reported isoforms.

Applications Pep ELISA, WB, IHC
Species Tested: Human, Mouse

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 64000.

Western Blot 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. Appro

IHC Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 2.5µg/ml.

Reference Reference(s): Wang CY, Petryniak B, Thompson CB, Kaelin WG, Leiden JM. Regulation of the Ets-related transcription factor Elf-1 by binding to the retinoblastoma protein. *Science*. 1993 May 28;260(5112):1330-5.. PMID: 8493578->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**