

Goat Anti-ELF1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1360a

Specification

Goat Anti-ELF1 Antibody - Product Information

Application	WB
Primary Accession	P32519
Other Accession	NP_001138825 , 1997 , 13709 (mouse)
Reactivity	Human
Predicted	Mouse
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	67498

Goat Anti-ELF1 Antibody - Additional Information

Gene ID 1997

Other Names

ETS-related transcription factor Elf-1, E74-like factor 1, ELF1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-ELF1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-ELF1 Antibody - Protein Information

Name ELF1

Function

Transcription factor that activates the LYN and BLK promoters. Appears to be required for the T-cell-receptor-mediated trans activation of HIV-2 gene expression. Binds specifically to two purine-rich motifs in the HIV-2 enhancer.

Cellular Location

Nucleus.

Tissue Location

In fetal tissues, it is highly expressed in heart, lung liver and kidney, and weakly expressed in brain. In adult, it is highly expressed in pancreas, spleen, thymus and peripheral blood leukocytes, expressed at moderate levels in heart, placenta, lung, liver, skeletal muscle, kidney, prostate, ovary, small intestine and colon, and weakly expressed in brain and testis

Goat Anti-ELF1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-ELF1 Antibody - Images



AF1360a staining (0.3 µg/ml) of Human Tonsil lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Goat Anti-ELF1 Antibody - Background

This gene encodes an E26 transformation-specific related transcription factor. The encoded protein is primarily expressed in lymphoid cells and acts as both an enhancer and a repressor to regulate transcription of various genes. Alternative splicing results in multiple transcript variants.

Goat Anti-ELF1 Antibody - References

Identification of E74-like factor 1 (ELF1) as a transcriptional regulator of the Hox cofactor MEIS1. Xiang P, et al. *Exp Hematol*, 2010 Sep. PMID 20600580.
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. *Mol Med*, 2010 Jul-Aug. PMID 20379614.
Differential roles for ETS, CREB, and EGR binding sites in mediating VEGF receptor 1 expression in vivo. Jin E, et al. *Blood*, 2009 Dec 24. PMID 19822898.
PP2A dephosphorylates Elf-1 and determines the expression of CD3zeta and FcRgamma in human systemic lupus erythematosus T cells. Juang YT, et al. *J Immunol*, 2008 Sep 1. PMID 18714041.

Physical and functional interactions between hematopoietic cell-specific ETS transcription factors and homeodomain proteins. Yamada T, et al. Leuk Res, 2009 Mar. PMID 18692240.