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ELF1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI16254

Specification

ELF1 antibody - middle region - Product Information

Application	**WB**
Primary Accession	P32519
Other Accession	NM_172373, NP_758961
Reactivity	**Human, Rabbit, Horse**
Predicted	**Human, Rabbit, Horse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**67kDa KDa**

ELF1 antibody - middle region - Additional Information

Gene ID 1997

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

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-ELF1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
ELF1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

ELF1 antibody - middle region - 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,

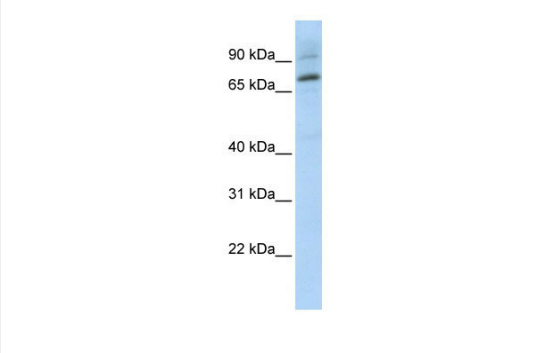
expressed at moderate levels in heart, placenta, lung, liver, skeletal muscle, kidney, prostate, ovary, small intestine and colon, and weakly expressed in brain and testis

ELF1 antibody - middle region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ELF1 antibody - middle region - Images



WB Suggested Anti-ELF1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: Transfected 293T

ELF1 antibody - middle region - Background

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.

ELF1 antibody - middle region - References

Leiden J.M.,et al.J. Virol. 66:5890-5897(1992).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham A.,et al.Nature 428:522-528(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Thompson C.B.,et al.Mol. Cell. Biol. 12:1043-1053(1992).