



Rabbit Anti-ELF1 antibody

SL7042R

Product Name:	ELF1
Chinese Name:	转录因子ELF1抗体
Alias:	mElf 1; E74 like factor 1; ELF 1; ELF1; Ets domain transcription factor; ETS related transcription factor Elf 1; ETS related transcription factor Elf1; p70; Sts1; TRANSCRIPTION FACTOR ELF 1; ELF1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,rt
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	67kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ELF1:201-300/619
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	E74 ike Factor 1 is a transcription factor that may be required for the T-cell receptor mediated activation of HIV2 gene expression. It binds to two purine-rich motifs in the HIV-2 enhancer and transcriptionally activates the LYN and mouse BLK promoters. 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.

Subunit:

Binds to the underphosphorylated form of RB. May interact with other transcription factors in order to regulate specific genes. Interacts with RUNX1.

Subcellular Location:

Nucleus.

Tissue Specificity:

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.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Belongs to the ETS family.
Contains 1 ETS DNA-binding domain.

SWISS:

P32519

Gene ID:

1997

Database links:

UniProtKB/Swiss-Prot: P32519.2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.