

Rabbit anti-Human ELF1 Polyclonal Antibody | anti-ELF1 antibody

ELF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323860	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

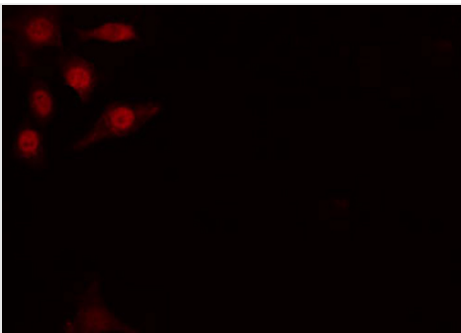
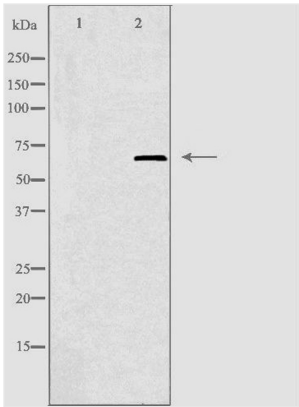
PRODUCT SYNONYMS

ELF1; Polyclonal Antibody; ELF1 Antibody; E74 like factor 1; E74-like factor 1; ELF 1; ELF1_HUMAN; Ets domain transcription factor; ETS related transcription factor Elf 1; ETS related transcription factor Elf1; ets-related transcription factor; ETS-related transcription factor Elf-1; mElf 1; p70; Sts1; TRANSCRIPTION FACTOR ELF 1; anti-ELF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ELF1 antibody detects endogenous levels of total ELF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	595
Applicable Applications for anti-ELF1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
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.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA323860 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

WB (Western Blot)
Western blot analysis of extracts from 293 cells using ELF1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ELF1 antibody	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 Structure: Binds to the underphosphorylated form of RB. May interact with other transcription factors in order to regulate specific genes. Interacts with RUNX1. Similarity: Belongs to the ETS family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223941929
NCBI GeneID	1997
NCBI Accession #	NP_001138825.1
NCBI GenBank Nucleotide #	NM_001145353.1
UniProt Accession #	P32519; Q8N6F6; Q9UDE1; B4E2I5; E9PDQ9
Molecular Weight	Observed: 67 kD Predicted: 68 kDa
NCBI Official Full Name	ETS-related transcription factor Elf-1 isoform b
NCBI Official Synonym Full Names	E74 like ETS transcription factor 1
NCBI Official Symbol	ELF1
NCBI Official Synonym Symbols	RIA1; EFTUD1
NCBI Protein Information	ETS-related transcription factor Elf-1
UniProt Protein Name	ETS-related transcription factor Elf-1
UniProt Gene Name	ELF1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.