

Rabbit ELF4 Polyclonal Antibody | anti-ELF4 antibody

ELF4 Antibody

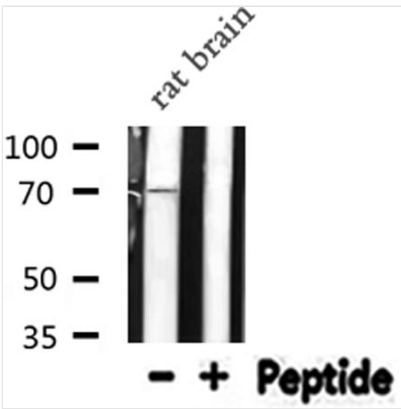
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325317	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

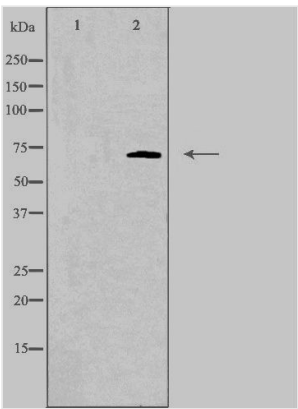
ELF4; Polyclonal Antibody; ELF4 Antibody; E74-like factor 4; ELF4_HUMAN; ELFR; ETS-related transcription factor Elf-4; ETS-related transcription factor Elf4; MEF; Myeloid Elf-1-like factor; Myeloid Elf1-like factor; anti-ELF4 antibody

PRODUCT SPECIFICATIONS

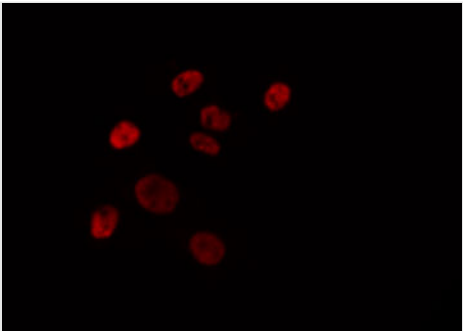
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ELF4 antibody detects endogenous levels of total ELF4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	663
Applicable Applications for anti-ELF4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Tissue Specificity	Abundantly expressed in the placenta and in a variety of myeloid leukemia cell lines. Moderate levels of expression in heart, lung, spleen, thymus, peripheral blood lymphocytes, ovary and colon. Lower levels of expression in Jurkat T-cells and other T-cell lines and no expression in brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of ELF4 expression in Rat brain lysate



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using ELF4 antibody.



IF (Immunofluorescence)
AAA325317 staining HepG2 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) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ELF4 antibody	Function: Transcriptional activator that binds to DNA sequences containing the consensus 5'-WGGA-3'. Transactivates promoters of the hematopoietic growth factor genes CSF2, IL3, IL8, and of the bovine lysozyme gene. Acts synergistically with RUNX1 to transactivate the IL3 promoter (By similarity). Also transactivates the PRF1 promoter in natural killer (NK) cells. Plays a role in the development and function of NK and NK T-cells and in innate immunity. Controls the proliferation and homing of CD8+ T-cells via the Kruppel-like factors KLF4 and KLF2 (By similarity). Controls cell senescence in a p53-dependent manner. Can also promote cellular transformation through inhibition of the p16 pathway. Subunit Structure: Interacts with RUNX1 (via the Runt domain); the interaction transactivates the IL3 promoter. Interacts (via its C-terminus) with PML; the interaction translocates ELF4 to PML nuclear bodies and enhances transactivation of LYZ. Similarity: Belongs to the ETS family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187608767
NCBI GeneID	2000
NCBI Accession #	NP_001120669.1
NCBI GenBank Nucleotide #	NM_001127197.1
UniProt Accession #	Q99607; O60435; D3DTG1

Molecular Weight	Observed: 70 kD Predicted: 71 kDa
NCBI Official Full Name	ETS-related transcription factor Elf-4
NCBI Official Synonym Full Names	E74 like ETS transcription factor 4
NCBI Official Symbol	ELF4
NCBI Official Synonym Symbols	MEF; ELFR
NCBI Protein Information	ETS-related transcription factor Elf-4
UniProt Protein Name	ETS-related transcription factor Elf-4
UniProt Gene Name	ELF4

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/elf4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325317>