

Rabbit NELF-A Polyclonal Antibody | anti-NELF-A antibody

NELF-A Antibody

CATALOG # AAA328614	HOST Rabbit	REACTIVITY Human, MousePredicted: Bovine	APPLICATIONS Western Blot
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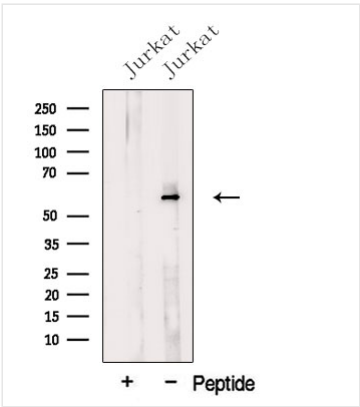
PRODUCT SYNONYMS

NELF-A; Polyclonal Antibody; NELF-A Antibody; FLJ10442; FLJ25112; Negative elongation factor A; Negative elongation factor polypeptide A; NELF A; NELFA; NELFA_HUMAN; P/OKcl.15; P/OKcl15; WHSC 2; Whsc2; Wolf Hirschhorn syndrome candidate 2; Wolf Hirschhorn syndrome candidate 2 protein; Wolf-Hirschhorn syndrome candidate 2 protein; anti-NELF-A antibody

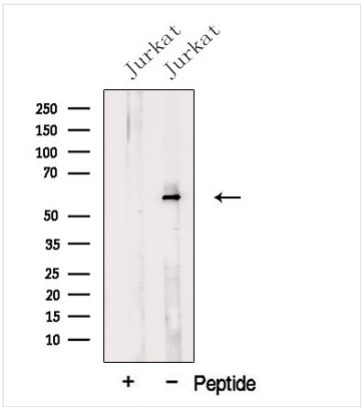
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Bovine
Clonality	Polyclonal
Isotype	IgG
Specificity	NELF-A Antibody detects endogenous levels of NELF-A.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
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	528
Applicable Applications for anti-NELF-A antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human NELF-A.
Tissue Specificity	Ubiquitous. Expressed in heart, brain, placenta, liver, skeletal muscle, kidney and pancreas. Expressed at lower level in adult lung. Expressed in fetal brain, lung, liver and kidney.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using NELF-A Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from 293, using NELF-A Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NELF-A antibody	Description: Essential component of the NELF complex, a complex that negatively regulates the elongation of transcription by RNA polymerase II. The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex. The NELF complex is involved in HIV-1 latency possibly involving recruitment of PCF11 to paused RNA polymerase II. In vitro, the NELFA:NELFCD subcomplex binds to ssDNA and ssRNA in a sequence- and structure-dependent manner. Probably required to interact with the RNA polymerase II complex.
	Subunit Structure: The NELF complex is composed of NELFA, NELFB, NELFCD (isoform NELF-C or isoform NELF-D) and NELFE; NELFA and NELFCD form a stable subcomplex that binds to the N-terminus of NELFB. Interacts with the RNA polymerase II complex when it is not phosphorylated by P-TEFb.
	Similarity: The HDAg-like domain is essential for transcriptional repression, and mediates the interaction with the RNA polymerase II complex. Belongs to the NELF-A family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	212276499
NCBI GeneID	7469
UniProt Accession #	Q9H3P2
Molecular Weight	Observed: 58 kDa Predicted: 58 kDa
NCBI Official Full Name	Negative elongation factor A
NCBI Official Synonym Full Names	negative elongation factor complex member A
NCBI Official Symbol	NELFA
NCBI Official Synonym Symbols	WHSC2; NELF-A; P/OKcl.15
NCBI Protein Information	negative elongation factor A
UniProt Protein Name	Negative elongation factor A
UniProt Gene Name	NELFA
UniProt Synonym Gene Names	WHSC2; NELF-A
UniProt Entry Name	NELFA_HUMAN

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/nelf-a-antibody-western-blot-elisa/328614>