

Rabbit anti-Human ELK-1 Polyclonal Antibody | anti-ELK1 antibody

ELK-1 antibody

CATALOG # AAA50454	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunoprecipitation
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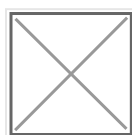
PRODUCT SYNONYMS

ELK-1; Polyclonal Antibody; ELK-1 antibody; RABBIT ANTI HUMAN ELK-1; anti-ELK1 antibody

PRODUCT SPECIFICATIONS

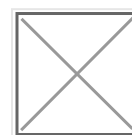
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antiserum to human ELK-1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Form/Format	Purified IgG - liquid Phosphate buffered saline 0.035% Sodium Azide (NaN ₃), 30% Glycerol
Applicable Applications for anti-ELK1 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	A peptide within the C-terminal region of human ELK-1
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use (up to 4 weeks) and store the remaining aliquots at -20 degree C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



WB (Western Blot)

Western blot analysis of HeLa whole cell lysate (40 ug) probed with ELK-1 antibody (AAA50454) at a 1/500 dilution.



IP (Immunoprecipitation)

Immunoprecipitation of ELK-1 from HeLa cell nuclear extract (400 ug; lane 2). 10ul of rabbit IgG was used as a negative control (lane 1). Western blot analysis was performed using ELK-1 antibody (AAA50454) at a 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ELK1 antibody

Rabbit anti human ELK-1 antibody recognizes ETS domain-containing protein ELK-1. ELK-1 is a protein that functions as a transcription activator. ELK-1 is a member of a subclass of the ETS family known as ternary complex factors (TCFs). TCFs are characterized by a common protein domain that regulates DNA binding to target sequences (Zinck et al. 1993). In non-neuronal cells, ELK-1 is expressed in the nucleus. However, in mature neurons ELK-1 is present in the cytoplasm as well as the nucleus and plays a crucial role in a number of neurological processes, including the formation of long-term memory and drug addiction. ELK-1 expression has been implicated in a number of diseases, including Down syndrome, Alzheimer's disease and depression

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362732
NCBI GeneID	2002
NCBI Accession #	NP_001107595.1
NCBI GenBank Nucleotide #	NM_001114123.2
UniProt Accession #	P19419; O75606; O95058; Q969X8; Q9UJM4; B2R7H4
Molecular Weight	44,888 Da
NCBI Official Full Name	ETS domain-containing protein Elk-1 isoform a
NCBI Official Synonym Full Names	ELK1, member of ETS oncogene family
NCBI Official Symbol	ELK1
NCBI Protein Information	ETS domain-containing protein Elk-1; ETS-like gene 1; tyrosine kinase (ELK1) oncogene
UniProt Protein Name	ETS domain-containing protein Elk-1
UniProt Gene Name	ELK1
UniProt Entry Name	ELK1_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/elk-1-antibody-western-blot-immunoprecipitation-elisa/50454>