

Rabbit ELK1-S383 Antibody | anti-ELK1 antibody

Phospho-ELK1-S383 Polyclonal Antibody

CATALOG # AAA36768	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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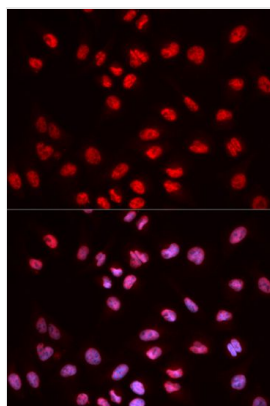
PRODUCT SYNONYMS

ELK1-S383; Phospho-ELK1-S383 Polyclonal Antibody; Phospho-ELK1-S383: ELK1; ETS-domain protein Elk-1; anti-ELK1 antibody

PRODUCT SPECIFICATIONS

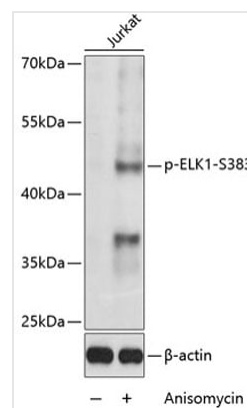
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-ELK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around S383 of human ELK1 (NP_005220.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using Phospho-ELK1-S383 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Jurkat cells, using Phospho-ELK1-S383 antibody at 1:1000 dilution. Jurkat cells were treated by Anisomycin (5ug/ml) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-ELK1 antibody

This gene is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the serum response factor and the serum response element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade. This gene produces multiple isoforms by using alternative translational start codons and by alternative splicing. Related pseudogenes have been identified on chromosomes 7 and 14.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643407
NCBI GeneID	2002
UniProt Accession #	P19419; O75606; O95058; Q969X8; Q9UJM4; B2R7H4
Molecular Weight	Observed MW: 45kDa Calculated MW: 11kDa/44kDa
NCBI Official Full Name	ETS domain-containing protein Elk-1
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/rabbit-antibody/elk1-s383/36768>