

Rabbit anti-Human, Mouse Elongin A1 Polyclonal Antibody | anti-ELOA antibody

Elongin A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322513	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Elongin A1; Polyclonal Antibody; Elongin A1 Antibody; Ela1; Elo A; EloA; ELOA1_HUMAN; Elongin 110 kDa subunit; Elongin-A; ElonginA; RNA polymerase II transcription factor SIII subunit A1; SIII; SIII p110; TCEB 3; Tceb3; TCEB3A; Transcription elongation factor B (SIII) polypeptide 3 (110kD); Transcription elongation factor B (SIII) polypeptide 3; Transcription elongation factor B alpha subunit; Transcription elongation factor B polypeptide 3; anti-ELOA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Elongin A1 antibody detects endogenous levels of total Elongin A1
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	798
Applicable Applications for anti-ELOA antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Elongin A1
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (100%), Bovine (91%), Horse (91%), Rabbit (91%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322513 staining HuvEc 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.



WB (Western Blot)

Western blot analysis of Elongin A1 using HuvEc whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-ELOA antibody	Function: SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex). Subunit Structure: Heterotrimer of an A (ELOA, ELOA2 or ELOA3), ELOB and ELOC subunit. Similarity: The BC-box, which mediates binding to the elongin BC complex, has the consensus sequence [APST]-L-x3-C-x3-[AILV].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	208022641
NCBI GeneID	6924
NCBI Accession #	NP_003189.2
NCBI GenBank Nucleotide #	NM_003198.2
UniProt Accession #	Q14241; Q8IXH1; B2R7Q8
Molecular Weight	Observed: 87 kDa Predicted: 90 kDa
NCBI Official Full Name	elongin-A
NCBI Official Synonym Full Names	elongin A
NCBI Official Symbol	ELOA
NCBI Official Synonym Symbols	SIII; TCEB3; TCEB3A; SIII p110
NCBI Protein Information	elongin-A
UniProt Protein Name	Elongin-A
UniProt Gene Name	ELOA
UniProt Synonym Gene Names	EloA

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/elongin-a1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322513>