

Rabbit anti-Human, mouse Elongin A Polyclonal Antibody | anti-TCEB3 antibody

Elongin A Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286831	Rabbit	Human, mouse	ELISA, Western Blot

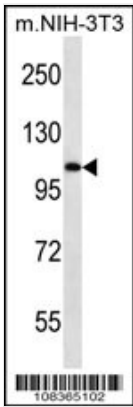
PRODUCT SYNONYMS

Elongin A; Polyclonal Antibody; Elongin A Antibody (N-term); Transcription elongation factor B polypeptide 3; Elongin 110 kDa subunit; Elongin-A; EloA; RNA polymerase II transcription factor SIII subunit A1; SIII p110; TCEB3; anti-TCEB3 antibody

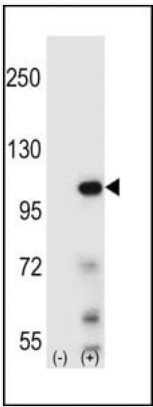
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Elongin A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-127 amino acids from the N-terminal region of human Elongin A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.31 (varies by lot)
Sequence Positions	97-127
Sequence Length	798
Applicable Applications for anti-TCEB3 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Precautions	Elongin A Antibody (N-term) is for research use only
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).
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Elongin A Antibody western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the Elongin A antibody detected the Elongin A protein (arrow).



WB (Western Blot)
Western blot analysis of Elongin A (arrow) using rabbit polyclonal Elongin A Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Elongin A gene.

ADDITIONAL INFORMATION

Related Product Information for anti-TCEB3 antibody	Elongin A is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation.
References	Beausoleil, S.A., et al., Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135 (2004). Tamura, K., et al., Biochem. Biophys. Res. Commun. 309(1):189-195 (2003). Kile, B.T., et al., Trends Biochem. Sci. 27(5):235-241 (2002). Yamazaki, K., et al., J. Biol. Chem. 277(29):26444-26451 (2002). Kamura, T., et al., J. Biol. Chem. 276(32):29748-29753 (2001).

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	89909
NCBI Official Full Name	transcription elongation factor B polypeptide 3
NCBI Official Synonym Full Names	transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A)
NCBI Official Symbol	TCEB3
NCBI Official Synonym Symbols	EloA; SIII; TCEB3A; SIII p110
NCBI Protein Information	transcription elongation factor B polypeptide 3
UniProt Protein Name	Transcription elongation factor B polypeptide 3
UniProt Gene Name	TCEB3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/elongin-a-antibody-western-blot-elisa/286831>