

Rabbit anti-Human, Rat ELP3 Polyclonal Antibody | anti-ELP3 antibody

ELP3 Antibody

CATALOG # AAA234518	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

ELP3; Polyclonal Antibody; ELP3 Antibody; Elongator complex protein 3; hELP3; anti-ELP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	533
Applicable Applications for anti-ELP3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Elongator complex protein 3 protein (1-85AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234518 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: Jurkat whole cell lysate, K562 whole cell lysate, 293 whole cell lysate. All lanes: ELP3 antibody at 3.82ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 63, 61, 50, 53 KDa. Observed band size: 63 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ELP3 antibody

Catalytic histone acetyltransferase subunit of the RNA polymerase II elongator complex, which is a component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4. Involved in acetylation of alpha-tubulin (PubMed:19185337). May also have a methyltransferase activity. Involved in cell migration. Involved in neurogenesis. Regulates the migration and branching of projection neurons in the developing cerebral cortex, through a process depending on alpha-tubulin acetylation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	545746373
NCBI GeneID	55140
NCBI Accession #	NP_001271151.1
NCBI GenBank Nucleotide #	NM_001284222.1
UniProt Accession #	Q9H9T3; Q53G84; Q6AWB0; Q9BVF7; Q9NVZ1; B4DE19; B4DIG1; E2QRI5
Molecular Weight	52,202 Da
NCBI Official Full Name	elongator complex protein 3 isoform 3
NCBI Official Synonym Full Names	elongator acetyltransferase complex subunit 3
NCBI Official Symbol	ELP3
NCBI Official Synonym Symbols	KAT9
NCBI Protein Information	elongator complex protein 3
UniProt Protein Name	Elongator complex protein 3
UniProt Gene Name	ELP3
UniProt Synonym Gene Names	hELP3

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/elp3-antibody-immunofluorescence-western-blot-elisa/234518>