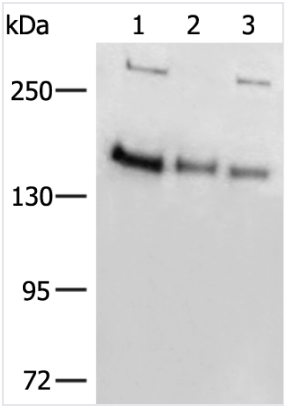
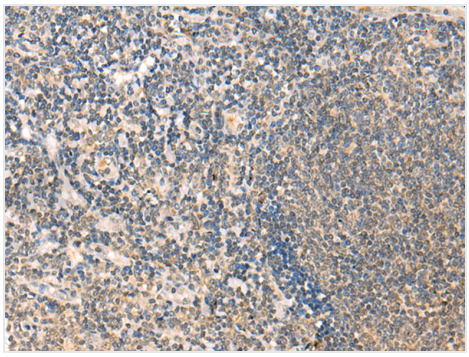
ELP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ELP1, Polyclonal Antibody
Full Product Name	ELP1 Antibody
Product Gene Name	anti-ELP1 antibody
Product Synonym Names	FD; DYS; IKAP; IKI3; TOT1; IKBKAP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	pH 7.4 PBS, 0.05% NaN3, 40% Glycerol
Purity/Purification	Antigen affinity purification
Concentration	0.7 mg/mL (lot specific)
Specificity	The antibody detects endogenous levels of total ELP1 protein.
Preparation and Storage	Store at -20 degree C.
Molecular Weight	150 kDa
3D Structure	ModBase 3D Structure for O95163
Immunogen	Synthetic peptide of human ELP1
Immunogen Type	Peptide
Target Name	ELP1
Product Categories/Family for anti-ELP1 antibody	Total protein Ab
Applications Tested/Suitable for anti-ELP1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-ELP1 antibody	WB: 1:200-1000 IHC: 1:25-100
Related Product Information for anti-ELP1 antibody	The protein encoded by this gene is a scaffold protein and a regulator for three different kinases involved in proinflammatory signaling. The encoded protein can bind NF-kappa-B-inducing kinase and I-kappa-B kinases through separate domains and assemble them into an active kinase complex. Mutations in this gene have been associated with familial dysautonomia. Alternative splicing results in multiple transcript variants encoding different isoforms.
Other Notes	Small volumes of anti-ELP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ELP1 purchase	MBS9430631 is an antibody targeting ELP1. Also known as ELP1 Antibody. Reactive in Human. Host: Rabbit.



SDS-Page of anti-ELP1 antibody
Gel: 6%SDS-PAGE, Lysate: 40 ?g, Lane 1-3: 231, K562 and A172 cell lysates, Primary antibody: MBS9430631 (ELP1 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute



Immunohistochemistry (IHC) of anti-ELP1 antibody
The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using MBS9430631(ELP1 Antibody) at dilution 1/25. (Original magnification: 200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ELP1. It may not necessarily be applicable to this product.

NCBI GI #	971460848
NCBI GeneID	8518
NCBI Accession #	NP_001305289.1
UniProt Primary Accession #	O95163
UniProt Secondary Accession #	Q5JSV2; Q9H327; Q9UG87
UniProt Related Accession #	O95163
GenBank Nucleotide #	NM_001318360.1
NCBI Official Full Name	elongator complex protein 1 isoform 2
NCBI Official Synonym Full Names	elongator complex protein 1
NCBI Official Symbol	ELP1
NCBI Official Synonym Symbols	FD; DYS; IKAP; IKI3; TOT1; IKBKAP
UniProt Protein Name	Elongator complex protein 1
UniProt Synonym Protein Names	IkappaB kinase complex-associated protein; IKK complex-associated protein; p150
Protein Family	Elongator complex protein
UniProt Gene Name	ELP1
UniProt Synonym Gene Names	ELP1; IKK complex-associated protein
NCBI Protein Information	elongator complex protein 1
UniProt Comments for ELP1	May act as a scaffold protein that may assemble active IKK-MAP3K14 complexes (IKKA, IKKB and MAP3K14/NIK).Acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase 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 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 ().
Research Articles on ELP1	**1.** overexpression of miR-203a-3p leads to a decrease of NOVA1, counter-balanced by an increase of IKAP, supporting a potential interaction between NOVA1 and IKAP.

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