



ELP3 Polyclonal Antibody

Catalog No	YP-Ab-05570
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ELP3
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ELP3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Elongator complex protein 3;ELP3;hELP3;KAT9;Elongator complex protein 3 (hELP3) (EC 2.3.1.48)
Observed Band	60-62 kDa
Calculated Molecular Weight	62 kDa
Cell Pathway	Cytoplasm . Nucleus .; [Isoform 1]: Nucleus .; [Isoform 2]: Cytoplasm . Nucleus .
Tissue Specificity	Expressed in the cerebellum and spinal motor neurons.
Function	catalytic activity:Acetyl-CoA + histone = CoA + acetylhistone.,cofactor:Binds 1 4Fe-4S cluster. The cluster is coordinated with 3 cysteines and an exchangeable S-adenosyl-L-methionine.,function: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. May also have a methyltransferase activity.,similarity:Belongs to the ELP3 family.,similarity:Contains 1 N-acetyltransferase domain.,subunit:Component of the RNA polymerase II elongator complex (Elongator), which consists of IKBKAP/ELP1, STIP1/ELP2, ELP3, ELP4, and two yet unidentified proteins, p30 and p38. IKBKAP/ELP1, STIP1/ELP2 and ELP3 form the Elongator core complex.

Elongator associ

Background

ELP3 is the catalytic subunit of the histone acetyltransferase elongator complex, which contributes to transcript elongation and also regulates the maturation of projection neurons (Creppe et al., 2009 [PubMed 19185337]).[supplied by OMIM, Apr 2009],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images