



ELP3 Monoclonal Antibody

Catalog No	BYmab-05570
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ELP3
Protein Name	Elongator complex protein 3 (hELP3) (EC 2.3.1.48)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ELP3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	60kD
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

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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.

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