

ELP3 Rabbit pAb

CatalogNo: YN0697

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 60kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein. AA range:21-121

Specificity ELP3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name ELP3

Protein Name Elongator complex protein 3 (hELP3) (EC 2.3.1.48)

Organism	Gene ID	UniProt ID
Human	55140 ;	Q9H9T3 ;
Mouse		Q9CZX0 ;

Cellular Localization 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 associates with the C-terminal domain (CTD) of Pol II largest subunit. Interacts with IKBKAP/ELP1. ,

Validation Data

Contact information

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ELP3 Rabbit pAb

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