

ELP3 Rabbit pAb

CatalogNo: YN0697

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 60kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

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

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

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

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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