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ELP4 Antibody
Rabbit mAb
Catalog # AP92752

Specification

ELP4 Antibody - Product Information

Application	**WB, IHC, ICC**
Primary Accession	Q96EB1
Clonality	**Monoclonal**
Other Names	
ELP4; hELP4; PAX6NEB; PAXNEB;	
Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**46588 Da**

ELP4 Antibody - Additional Information

Dilution	**WB~~1:1000** **IHC~~1:100~500** **ICC~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human ELP4**
Description	**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.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

ELP4 Antibody - Protein Information

Name ELP4

Synonyms C11orf19, PAXNEB

Function
Component of the elongator complex which is required for multiple tRNA modifications, including mcm5U (5-methoxycarbonylmethyl uridine), mcm5s2U (5-methoxycarbonylmethyl-2-thiouridine), and ncm5U (5-carbamoylmethyl uridine) (PubMed:29332244). The

elongator complex catalyzes the formation of carboxymethyluridine in the wobble base at position 34 in tRNAs (PubMed:29332244).

Cellular Location
Cytoplasm. Nucleus

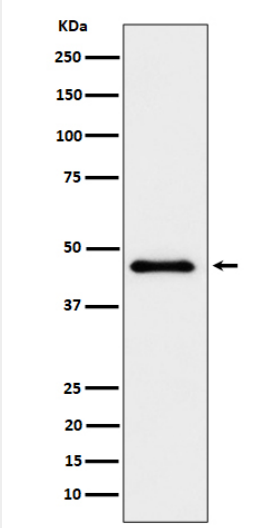
Tissue Location
Widely expressed..

ELP4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ELP4 Antibody - Images



Western blot analysis of ELP4 expression in HeLa cell lysate.