

ELP4 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16101**Specification**

ELP4 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O96EB1
Other Accession	NP_061913
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa

ELP4 Antibody - C-terminal region - Additional Information**Gene ID** 26610

Alias Symbol **ELP4, C11orf19, PAXNEB,**
Other Names
Elongator complex protein 4, hELP4, PAX6 neighbor gene protein, ELP4, C11orf19, PAXNEB

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-ELP4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

ELP4 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ELP4 Antibody - C-terminal region - 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

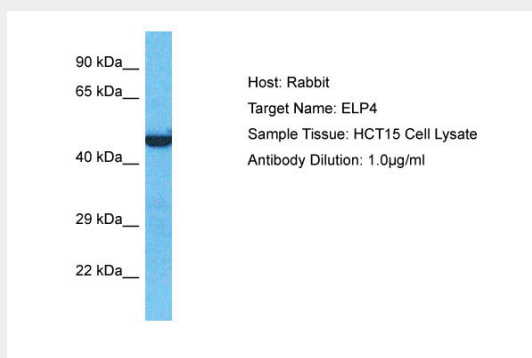
Tissue Location

Widely expressed..

ELP4 Antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ELP4 Antibody - C-terminal region - Images

Host: Rabbit

Target Name: ELP4

Sample Tissue: HCT15 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

ELP4 Antibody - C-terminal region - Background

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.

ELP4 Antibody - C-terminal region - References

Wiemann S., et al. *Genome Res.* 11:422-435(2001).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Taylor T.D., et al. *Nature* 440:497-500(2006).
Kleinjan D.A., et al. *Mamm. Genome* 13:102-107(2002).
Hawkes N.A., et al. *J. Biol. Chem.* 277:3047-3052(2002).