

**ELP4 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9192b****Specification**

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**ELP4 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q96EB1](#)**ELP4 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 26610**Other Names**

Elongator complex protein 4, hELP4, PAX6 neighbor gene protein, ELP4, C11orf19, PAXNEB

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9192b](/products/AP9192b) was selected from the C-term region of human ELP4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ELP4 Antibody (C-term) Blocking Peptide - 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](http://www.uniprot.org/citations/29332244)). The elongator complex catalyzes the formation of carboxymethyluridine in the wobble base at position 34 in tRNAs (PubMed: [29332244](http://www.uniprot.org/citations/29332244)).

**Cellular Location**

Cytoplasm. Nucleus

**Tissue Location**

Widely expressed..

**ELP4 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ELP4 Antibody (C-term) Blocking Peptide - Images****ELP4 Antibody (C-term) Blocking Peptide - Background**

ELP4 encodes a component of the six subunit elongator complex, a histone acetyltransferase complex that associates directly with RNA polymerase II during transcriptional elongation. The human protein can partially complement sensitivity phenotypes of yeast ELP4 deletion mutants.

**ELP4 Antibody (C-term) Blocking Peptide - References**

Strug,L.J., et.al., Eur. J. Hum. Genet. 17 (9), 1171-1181 (2009)Miele,A., et.al, J. Cell. Biochem. 102 (1), 136-148 (2007)