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ELP4 Antibody

Rabbit mAb
Catalog # AP92752

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	Q96EB1
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	ELP4; hELP4; PAX6NEB; PAXNEB;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	46588

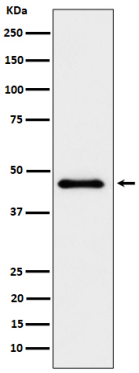
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
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.

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..

Images



Western blot analysis of ELP4 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.