

IKBKAP / IKAP Antibody (aa148-161)
Rabbit Polyclonal Antibody
Catalog # ALS11879**Specification**

IKBKAP / IKAP Antibody (aa148-161) - Product Information

Application	IHC
Primary Accession	O95163
Reactivity	Human, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150kDa KDa

IKBKAP / IKAP Antibody (aa148-161) - Additional Information**Gene ID** 8518**Other Names**

Elongator complex protein 1, ELP1, IkappaB kinase complex-associated protein, IKK complex-associated protein, p150, IKBKAP, ELP1, IKAP

Target/Specificity

Residues 148-161 IHQDDFGESKFITV of human IKAP

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

IKBKAP / IKAP Antibody (aa148-161) is for research use only and not for use in diagnostic or therapeutic procedures.

IKBKAP / IKAP Antibody (aa148-161) - Protein Information**Name** ELP1 ([HGNC:5959](#))**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). Regulates the migration and branching of projection neurons in the developing cerebral cortex, through a process depending on alpha-tubulin acetylation (By similarity). ELP1 binds to tRNA, mediating interaction of the elongator complex with tRNA (By similarity). May act as a scaffold protein that assembles active IKK-MAP3K14 complexes (IKKA, IKKB and MAP3K14/NIK) (PubMed:9751059).

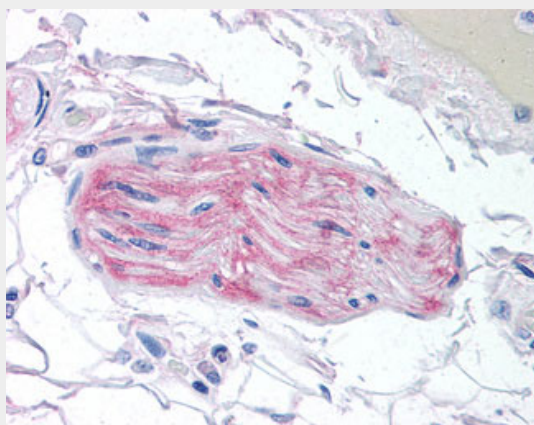
Cellular Location

Cytoplasm. Nucleus

IKBKAP / IKAP Antibody (aa148-161) - 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](#)

IKBKAP / IKAP Antibody (aa148-161) - Images

Anti-IKBKAP / IKAP antibody IHC of human lung, nerve.

IKBKAP / IKAP Antibody (aa148-161) - Background

May act as a scaffold protein that may assemble active IKK-MAP3K14 complexes (IKKA, IKKB and MAP3K14/NIK).

IKBKAP / IKAP Antibody (aa148-161) - References

Cohen L., et al. Nature 395:292-296(1998).
Slaugenhaupt S.A., et al. Am. J. Hum. Genet. 68:598-605(2001).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Humphray S.J., et al. Nature 429:369-374(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.