

## ARG41191 anti-IKBKAP antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes IKBKAP
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IKBKAP
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1093-1332 of Human IKBKAP (NP_003631.2).
Conjugation	Un-conjugated
Alternate Names	Elongator complex protein 1; IkappaB kinase complex-associated protein; IKAP; DYS; TOT1; FD; IKK complex-associated protein; p150; IKI3; ELP1

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:1000 - 1:4000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	150 kDa	

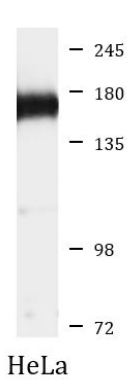
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IKBKAP
Gene Full Name	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein
Background	The protein encoded by this gene is a scaffold protein and a regulator for 3 different kinases involved in proinflammatory signaling. This encoded protein can bind NF-kappa-B-inducing kinase (NIK) and IKKs through separate domains and assemble them into an active kinase complex. Mutations in this gene have been associated with familial dysautonomia. [provided by RefSeq, Jul 2008]
Function	<p>May act as a scaffold protein that may assemble active IKK-MAP3K14 complexes (IKKA, IKKB and MAP3K14/NIK).</p> <p>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. Involved in cell migration. Involved in neurogenesis (By similarity). Regulates the migration and branching of projection neurons in the developing cerebral cortex, through a process depending on alpha-tubulin acetylation (By similarity). [UniProt]</p>
Calculated Mw	150 kDa
Cellular Localization	Cytoplasm. Nucleus. [UniProt]

Images



ARG41191 anti-IKBKAP antibody WB image

Western blot: 25 µg of HeLa cell lysate stained with ARG41191 anti-IKBKAP antibody at 1:1000 dilution.