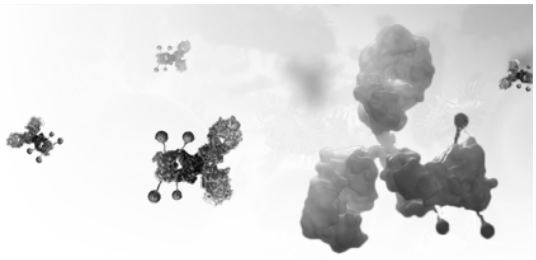

Anti-IKBKAP (C-terminal) polyclonal antibody (CPBT-67642RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit anti Human IKBKAP antibody recognizes human IKBKAP. IKBKAP was originally described as a scaffold protein of the IKK complex involved in NF-kB activation, but this role has since been disputed. IKBKAP is a component of the RNA polymerase II elongator complex which has histone acetyltransferase activity and is involved in transcriptional elongation. Gene defects are a cause of familial dysautonomia, also known as Riley-Day syndrome. Affected individuals show a variety of symptoms such as decreased sensitivity to pain and temperature, cardiovascular instability, pneumonia and gastrointestinal dysfunction.
Specificity	IKBKAP
Immunogen	A peptide corresponding to 16 amino acids from near the carboxy terminus of human IKBKAP .
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	IHC-Fr; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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GENE INFORMATION

Gene Name	IKBKAP inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein [Homo sapiens (human)]
Official Symbol	IKBKAP
Synonyms	IKBKAP; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein; FD; DYS; ELP1; IKAP; IKI3; TOT1; elongator complex protein 1; p150; IKK complex-associated protein; ikappaB kinase complex-associated protein; elonga
Entrez Gene ID	8518
Protein Refseq	NP_003631
UniProt ID	O95163
Chromosome Location	9q31
Pathway	Chromatin modifying enzymes; Chromatin organization; HATs acetylate histones; TNF-alpha/NF-kB Signaling Pathway;
Function	contributes_to RNA polymerase II core binding; phosphorylase kinase regulator activity; protein binding; signal transducer activity;

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