

ChoKB Polyclonal Antibody

Cat No: HR1AP3087

For research use only

Overview

Product Name	ChoKB Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	45kDa
GeneID?Human?	CHKB
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CHKB; CHETK; CHKL; Choline/ethanolamine kinase; Choline kinase beta; CK; CKB; Choline kinase-like protein; Ethanolamine kinase; EK; Ethanolamine kinase beta; EKB; choline/ethanolamine kinase beta; CKE
Background	<p>choline kinase beta(CHKB) Homo sapiens Choline kinase (CK) and ethanolamine kinase (EK) catalyze the phosphorylation of choline/ethanolamine to phosphocholine/phosphoethanolamine. This is the first enzyme in the biosynthesis of phosphatidylcholine/phosphatidylethanolamine in all animal cells. The highly purified CKs from mammalian sources and their recombinant gene products have been shown to have EK activity also, indicating that both activities reside on the same protein. The choline kinase-like protein encoded by CHKL belongs to the choline/ethanolamine kinase family; however, its exact function is not known. Read-through transcripts are expressed from this locus that include exons from the downstream CPT1B locus. [provided by RefSeq, Jun 2009],</p>