

ChoKB Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01774
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CHKB. AA range:301-350
Mol wt	45271
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	ChoKB Antibody
Synonyms	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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

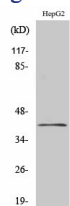
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

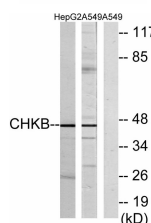
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using ChoKB Polyclonal Antibody



Western blot analysis of lysates from HepG2 and A549 cells, using CHKB Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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