

CHKB Rabbit pAb

Catalog No.: A10439

Basic Information

Observed MW

Refer to figures

Calculated MW

45kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human

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 Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1120

Swiss Prot

Q9Y259

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CK; EK; CKB; EKB; CHKL; CHETK; CKEKB; MDCMC; CHKB

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.