

Anti-Human CHKB Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA02777**

3th Edition

Description: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. CHKB (Choline Kinase Beta) is a Protein Coding gene. Diseases associated with CHKB include Muscular Dystrophy, Congenital, Megaconial Type and Chkb-Related Muscle Diseases. Among its related pathways are Synthesis of PC and Glycerophospholipid biosynthesis. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and choline kinase activity. An important paralog of this gene is CHKA.

Antigen:Synthesized peptide derived from the C-terminal region of human ChoKB

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: