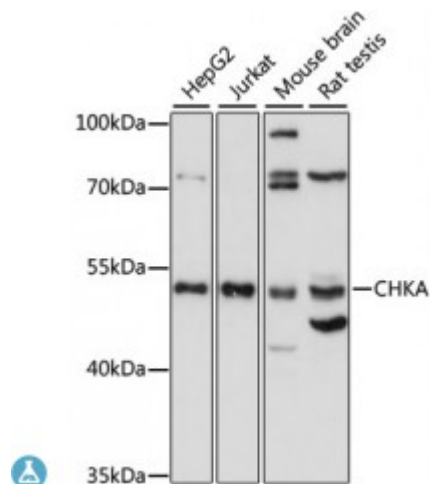


Anti-CHKA Antibody



Description

The major pathway for the biosynthesis of phosphatidylcholine occurs via the CDP-choline pathway. The protein encoded by this gene is the initial enzyme in the sequence and may play a regulatory role. The encoded protein also catalyzes the phosphorylation of ethanolamine. Two transcript variants encoding different isoforms have been found for this gene.

Model	STJ117234
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human CHKA (NP_001268.2).
Gene ID	1119
Gene Symbol	CHKA
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Choline kinase alpha CK
Molecular Weight	52.249 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:1937OMIM:118491Reactome:R-HSA-1483191
Alternative Names	Choline kinase alpha CK
Function	Has a key role in phospholipid biosynthesis and may contribute to tumor cell growth, Catalyzes the first step in phosphatidylcholine biosynthesis, Contributes to phosphatidylethanolamine biosynthesis, Phosphorylates choline and ethanolamine, Has higher activity with choline,
Cellular Localization	Cytoplasm

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com