

Rabbit anti-Human, mouse CHK Polyclonal Antibody | anti-CHKA antibody

CHK Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287573	Rabbit	Human, mouse	ELISA, Western Blot

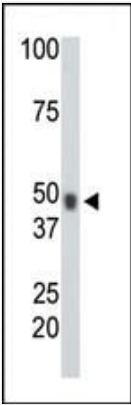
PRODUCT SYNONYMS

CHK; Polyclonal Antibody; CHK Antibody (N-term); Choline kinase alpha; CK; CHETK-alpha; Ethanolamine kinase; EK; CHKA; CKI; anti-CHKA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-94 amino acids from the N-terminal region of human CHK.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	64-94
Sequence Length	439
Applicable Applications for anti-CHKA antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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 Location	Cytoplasm.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
The anti-CHK Pab is used in Western blot to detect CHK in mouse heart tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CHKA antibody	The dominant pathway for biosynthesis of phosphatidylcholine occurs through the CDP-choline pathway. Choline kinase alpha (CHK) is the first enzyme in the pathway and may thereby play an upstream regulatory role in lipid transport and metabolism. CHK additionally catalyzes phosphorylation of ethanolamine.
Product Categories/Family for anti-CHKA antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	47078276
NCBI GeneID	1119
NCBI Accession #	NP_001268.2; NP_997634.1
NCBI GenBank Nucleotide #	NM_001277.2
UniProt Accession #	P35790; Q8NE29
Molecular Weight	52249
NCBI Official Full Name	choline kinase alpha isoform a
NCBI Official Synonym Full Names	choline kinase alpha
NCBI Official Symbol	CHKA
NCBI Official Synonym Symbols	CK; EK; CHK; CKI
NCBI Protein Information	choline kinase alpha
UniProt Protein Name	Choline kinase alpha
UniProt Gene Name	CHKA
UniProt Synonym Gene Names	CHK; CKI; CK; EK
UniProt Entry Name	CHKA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.