

Rabbit Choline kinase alpha Polyclonal Antibody | anti-CHKA antibody

Choline kinase alpha Antibody

CATALOG # AAA322894	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Choline kinase alpha antibody detects endogenous levels of Choline kinase alpha.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	457
Applicable Applications for anti-CHKA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Choline kinase alpha.
Subcellular Location	Cytoplasmic
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse colon tissue, using Choline kinase alpha antibody.



IHC (Immunohistochemistry)

AAA322894 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CHKA antibody	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. Subunit Structure: Heterodimer with CHKB (By similarity). Homodimer. Similarity: Belongs to the choline/ethanolamine kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47078276
NCBI GeneID	1119
NCBI Accession #	NP_001268.2
NCBI GenBank Nucleotide #	NM_001277.2
UniProt Accession #	P35790; Q8NE29
Molecular Weight	Observed: 50 kDa; 52 kDa Predicted: 53 kDa
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/choline-kinase-alpha-antibody-immunohistochemistry-western-blot-elisa/322894>