

Rabbit CHKB Polyclonal Antibody | anti-CHKB antibody

CHKB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234050	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

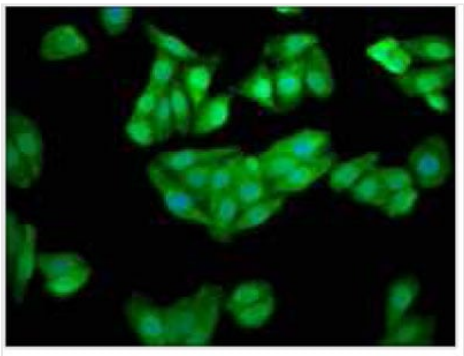
PRODUCT SYNONYMS

CHKB; Polyclonal Antibody; CHKB Antibody; Choline/ethanolamine kinase; Choline kinase beta; EK; Ethanolamine kinase beta; EKB; choline/ethanolamine kinase beta; CKEKB; CK; CKB; Choline kinase-like protein; Ethanolamine kinase; CHETK; CHKL; anti-CHKB antibody

PRODUCT SPECIFICATIONS

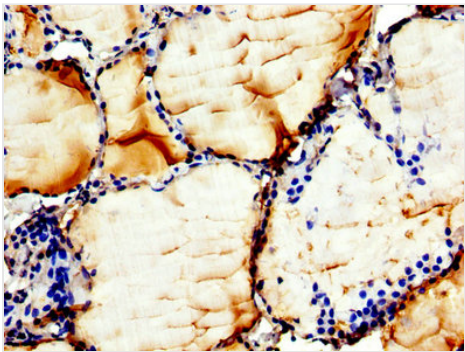
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	395
Applicable Applications for anti-CHKB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Choline/ethanolamine kinase protein (2-99AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	CHKB
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



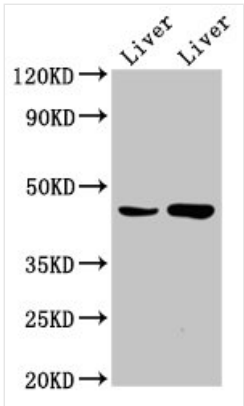
IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234050 at 1:100, counter- stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohiostchemistry)

Immunohistochemistry image of AAA234050 diluted at 1:300 and staining in paraffin-embedded human thyroid tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Rat liver tissue, Mouse liver tissueAll lanes: CHKB antibody at 6.6ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 46, 14 KDaObserved band size: 46 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-CHKB antibody	Has a key role in phospholipid biosynthesis. Catalyzes the first step in phosphatidylethanolamine biosynthesis. Phosphorylates ethanolamine, and can also act on choline (in vitro). Has higher activity with ethanolamine. May not significantly contribute to in vivo phosphatidylcholine biosynthesis.
Product Categories/Family for anti-CHKB antibody	Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978649
NCBI GeneID	1120
NCBI Accession #	NP_005189.2
NCBI GenBank Nucleotide #	NM_005198.4
UniProt Accession #	Q9Y259; Q13388; A0PJM6
NCBI Official Full Name	choline/ethanolamine kinase
NCBI Official Synonym Full Names	choline kinase beta

NCBI Official Symbol	CHKB
NCBI Official Synonym Symbols	CK; EK; CKB; EKB; CHKL; CHETK; CKEKB; MDCMC
NCBI Protein Information	choline/ethanolamine kinase
UniProt Protein Name	Choline/ethanolamine kinase
UniProt Gene Name	CHKB
UniProt Synonym Gene Names	CHETK; CHKL; CK; CKB; EK; EKB; CKEKB

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/chkb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234050>