

Datasheet for ABIN7147628
anti-CHKB antibody (AA 2-99)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	CHKB
Binding Specificity:	AA 2-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHKB antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Choline/ethanolamine kinase protein (2-99AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	CHKB
Alternative Name:	CHKB (CHKB Products)
Background:	Background: Has a key role in phospholipid biosynthesis. Catalyzes the first step in phosphatidylethanolamine biosynthesis. Phosphorylates ethanolamine, and can also act on

Target Details

choline (in vitro). Has higher activity with ethanolamine. May not significantly contribute to in vivo phosphatidylcholine biosynthesis.

Aliases: CHETK antibody, Chetk-beta antibody, Chkb antibody, Chkb choline kinase beta antibody, Chkb protein antibody, CHKB_HUMAN antibody, CHKL antibody, Choline kinase beta antibody, Choline kinase-like antibody, Choline kinase-like protein antibody, Choline/ethanolamine kinase antibody, choline/ethanolamine kinase beta antibody, Choline/ethanolamine kinase, beta antibody, CK antibody, CK/EK antibody, CK/EK-beta antibody, CKB antibody, CKEKB antibody, EK antibody, EKB antibody, Ethanolamine kinase antibody, Ethanolamine kinase beta antibody, Ethanolamine kinase, beta antibody, MDCMC antibody

UniProt: [Q9Y259](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:100-1:300, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

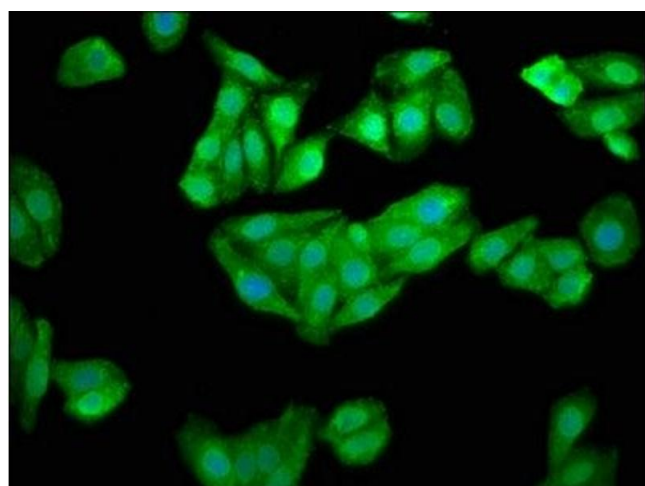
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



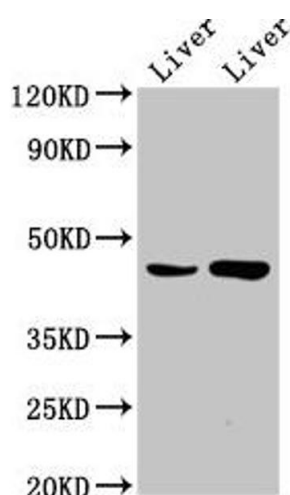
Immunohistochemistry

Image 1. IHC image of ABIN7147628 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 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7147628 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).



Western Blotting

Image 3. Western Blot Positive WB detected in: Rat liver tissue, Mouse liver tissue All lanes: CHKB antibody at 6.6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 46, 14 kDa Observed band size: 46 kDa