

CHKA (Acetyl-Lys452) Antibody

Catalog No: #SAB620

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Description

Product Name	CHKA (Acetyl-Lys452) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified from rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Applications	WB
Species Reactivity	HM
Specificity	CHKA(Acetyl-Lys452) Antibody detects endogenous levels of CHKA only when acetylated at Lys452.
Immunogen Description	A synthesized peptide derived from human CHKA around the acetylation site of Lys452.
Other Names	Choline kinase alpha; CK; CHETK-alpha; Ethanolamine kinase; EK; CHK; CKI
SDS-PAGE MW	52kDa
Concentration	1 mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.