

# CHKA (Acetyl-Lys244) Antibody

Catalog No: #SAB605

Package Size: #SAB605 100ul

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## Description

|                       |                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | CHKA (Acetyl-Lys244) 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-Lys244) Antibody detects endogenous levels of CHKA only when acetylated at Lys244.                                                                  |
| Immunogen Description | A synthesized peptide derived from human CHKA around the acetylation site of Lys244.                                                                            |
| 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 <sup>2+</sup> and Ca <sup>2+</sup> ), 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.