

## CHKA (Phospho-Ser279) Antibody

Catalog No: #SAB627

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

|                       |   |
|-----------------------|---|
| Product Name          | CHKA (Phospho-Ser279) 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(Phospho-Ser279) Antibody detects endogenous levels of CHKA only when phosphorylated at Ser279.   |
| Immunogen Description | A synthesized peptide derived from human CHKA around the phosphorylation site of Ser279.  |
| Other Names           | Choline kinase alpha; CK; CHETK-alpha; Ethanolamine kinase; EK; CHK; CKI  |
| Uniprot               | P35790  |
| GeneID                | 1119  |
| 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