

CHK Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7064a**Specification****CHK Antibody (N-term) Blocking Peptide -
Product Information**Primary Accession [P35790](#)**CHK Antibody (N-term) Blocking Peptide -
Additional Information**

Gene ID 1119

Other NamesCholine kinase alpha, CK, CHETK-alpha,
Ethanolamine kinase, EK, CHKA, CHK, CKI**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7064a](/product/products/AP7064a) was selected from the N-term region of human CHK. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CHK Antibody (N-term) Blocking Peptide - Protein
Information**

Name CHKA

Synonyms CHK, CKI

**CHK Antibody (N-term) Blocking Peptide -
Background**

The dominant pathway for biosynthesis of phosphatidylcholine occurs through the CDP-choline pathway. Choline kinase alpha (CHK) is the first enzyme in the pathway and may thereby play an upstream regulatory role in lipid transport and metabolism. CHK additionally catalyzes phosphorylation of ethanolamine.

Function

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.

Cellular Location

Cytoplasm.

CHK Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)