

Ethanolamine Kinase (EKI1) Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP7068a**Specification**

Ethanolamine Kinase (EKI1) Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9HBU6](#)**Ethanolamine Kinase (EKI1) Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 55500**Other Names**

Ethanolamine kinase 1, EKI 1, ETNK1, EKI1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7068a](/product/products/AP7068a) was selected from the N-term region of human EKI1. 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.

Ethanolamine Kinase (EKI1) Antibody (N-term) Blocking peptide - Protein Information**Name** ETNK1 ([HGNC:24649](#))**Function**

Highly specific for ethanolamine phosphorylation. May be a rate-controlling step in phosphatidylethanolamine biosynthesis.

Cellular Location

Cytoplasm.

Tissue Location

Expressed in kidney, liver, placenta, heart, leukocyte, ovary and testis.

Ethanolamine Kinase (EKI1) Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Ethanolamine Kinase (EKI1) Antibody (N-term) Blocking peptide - Images

Ethanolamine Kinase (EKI1) Antibody (N-term) Blocking peptide - Background

Ethanolamine kinase 1 (EKI1), functions in the first committed step of the phosphatidylethanolamine synthesis pathway. This cytosolic enzyme is specific for ethanolamine and exhibits negligible kinase activity on choline.