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

Synthetic peptide
Catalog # BP7068a

Specification

Ethanolamine Kinase (EKI1) Antibody (N-term) Blocking peptide - Product Information

Primary 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 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

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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.