

# Ethanolamine Kinase (EKI1) Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP7068A

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9HBU6</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB5289
<b>Calculated MW</b>	50968
<b>Antigen Region</b>	1-30

## Additional Information

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<b>Gene ID</b>	55500
<b>Other Names</b>	Ethanolamine kinase 1, EKI 1, ETNK1, EKI1
<b>Target/Specificity</b>	This Ethanolamine Kinase (EKI1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human Ethanolamine Kinase (EKI1).
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Ethanolamine Kinase (EKI1) Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	ETNK1 ( <a href="#">HGNC:24649</a> )
<b>Function</b>	Highly specific for ethanolamine phosphorylation. May be a rate-controlling step in phosphatidylethanolamine biosynthesis.
<b>Cellular Location</b>	Cytoplasm.

## Tissue Location

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

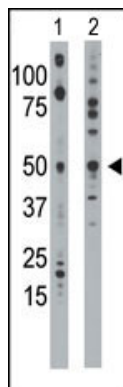
## Background

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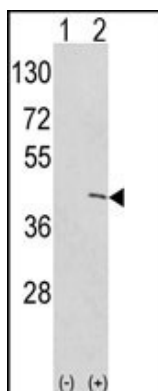
Ethanolamine kinase 1 (EKI1), functions in the first committed step of the phosphatidylethanolamine synthesis pathway. This cytosolic enzyme is specific for ethanolamine and exhibits negligible kinase activity on choline.

## Images

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The anti-EKI1 Pab (Cat. #AP7068a) is used in Western blot to detect EKI1 in mouse bladder tissue lysate (Lane 1) and 293 cell lysate (Lane 2).



Western blot analysis of EKI1 (arrow) using rabbit polyclonal hEKI1-C3 (Cat. #AP7068a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EKI1 gene (Lane 2) (Origene Technologies).

## Citations

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- [miR-200c-3p spreads invasive capacity in human oral squamous cell carcinoma microenvironment.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.