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Ethanolamine Kinase (EKI1) Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7068A

Product Information

Application	WB, E
Primary Accession	Q9HBU6
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB5289
Calculated MW	50968
Antigen Region	1-30

Additional Information

Gene ID	55500
Other Names	Ethanolamine kinase 1, EKI 1, ETNK1, EKI1
Target/Specificity	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).
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	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.
Storage	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.
Precautions	Ethanolamine Kinase (EKI1) Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

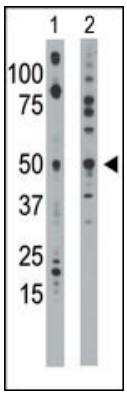
Name	ETNK1 (HGNC:24649)
Function	Highly specific for ethanolamine phosphorylation. May be a rate-controlling step in phosphatidylethanolamine biosynthesis.
Cellular Location	Cytoplasm.

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

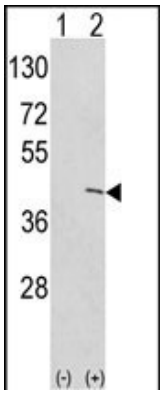
Background

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.

Images



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

- 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'.