

Rabbit anti-Human, mouse Ethanolamine Kinase (EKI1) Polyclonal Antibody | anti-ETNK1 antibody

Ethanolamine Kinase (EKI1) Antibody (N-term)

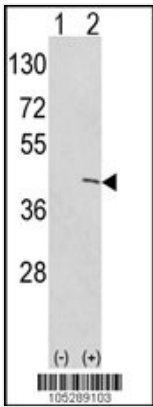
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289314	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

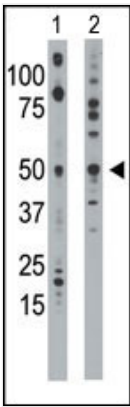
Ethanolamine Kinase (EKI1); Polyclonal Antibody; Ethanolamine Kinase (EKI1) Antibody (N-term); Ethanolamine kinase 1; EKI 1; ETNK1; EKI1; anti-ETNK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	1-30
Sequence Length	258
Applicable Applications for anti-ETNK1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.
Preparation and Storage	Maintain refrigerated at 2-8°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of EK11 (arrow) using rabbit polyclonal hEK11-C3 (AAA289314). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EK11 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
The anti-EK11 Pab (AAA289314) is used in Western blot to detect EK11 in mouse bladder tissue lysate (Lane 1) and 293 cell lysate (Lane 2).

ADDITIONAL INFORMATION

Related Product Information for anti-ETNK1 antibody	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.
Product Categories/Family for anti-ETNK1 antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	87298843
NCBI GeneID	55500
NCBI Accession #	NP_001034570.1; NP_061108.2
NCBI GenBank Nucleotide #	NM_001039481.1
UniProt Accession #	Q9HBU6; G5E969
Molecular Weight	Calculated MW: 50968
NCBI Official Full Name	ethanolamine kinase 1 isoform B
NCBI Official Synonym Full Names	ethanolamine kinase 1
NCBI Official Symbol	ETNK1
NCBI Official Synonym Symbols	EKI; EKI1; EKI 1; Nbla10396
NCBI Protein Information	ethanolamine kinase 1
UniProt Protein Name	Ethanolamine kinase 1
UniProt Gene Name	ETNK1
UniProt Synonym Gene Names	EKI1; EKI 1
UniProt Entry Name	EKI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.