

Rabbit anti-Human, Mouse EK12 Polyclonal Antibody | anti-EK12 antibody

EK12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324144	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

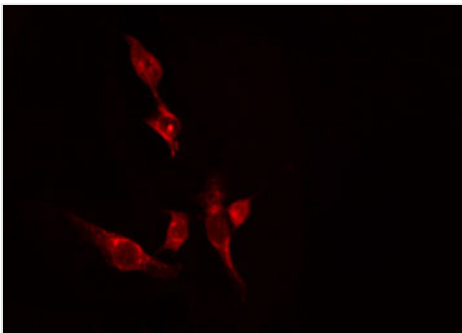
PRODUCT SYNONYMS

EK12; Polyclonal Antibody; EK12 Antibody; 4933417N20Rik; AI197444; EC 2.7.1.82; EK1 2; EK12_HUMAN; Ethanolamine kinase 2; Ethanolamine kinase like protein; Ethanolamine kinase-like protein; ETNK 2; ETNK2; FLJ10761; HMFT1716; RP11 74C13.2; Tuc1; anti-EK12 antibody

PRODUCT SPECIFICATIONS

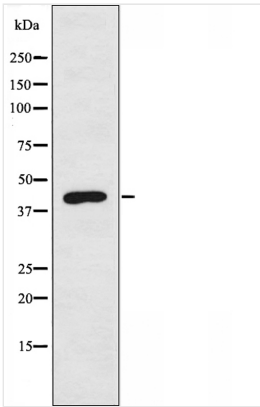
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	EK12 antibody detects endogenous levels of total EK12
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	394
Applicable Applications for anti-EK12 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Expressed in kidney, liver, ovary, testis and prostate.
Predicted Cross Reactivity	Pig
Similarity	Pig (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324144 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells, using EK12 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EK12 antibody

Function: Highly specific for ethanolamine phosphorylation. Does not have choline kinase activity (By similarity).
Similarity: Belongs to the choline/ethanolamine kinase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	663071168
NCBI GeneID	55224
NCBI Accession #	NP_001284689.1
NCBI GenBank Nucleotide #	NM_001297760.1
UniProt Accession #	Q9NVF9; Q5SXX5; Q68CK3; Q96G05; B7Z7K1
Molecular Weight	Observed: 45 kD Predicted: 45 kDa
NCBI Official Full Name	ethanolamine kinase 2 isoform 2
NCBI Official Synonym Full Names	ethanolamine kinase 2
NCBI Official Symbol	ETNK2
NCBI Official Synonym Symbols	EKI2; HMFT1716
NCBI Protein Information	ethanolamine kinase 2
UniProt Protein Name	Ethanolamine kinase 2
UniProt Gene Name	ETNK2
UniProt Synonym Gene Names	EKI2; EK1 2

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.