

Rabbit PI4KB Polyclonal Antibody | anti-PI4KB antibody

PI4KB antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200586	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PI4KB; Polyclonal Antibody; PI4KB antibody - middle region; anti-PI4KB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HM DKVVQIVEIM QQGSQLPCFH GSSTIRNLKE RFHMSMTEEQ LQLLVEQM
Sequence Length	828
Applicable Applications for anti-PI4KB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PI4KB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PI4KB Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Placenta


IHC (Immunohistochemistry)

Rabbit Anti-PI4KB Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PI4KB antibody

This is a rabbit polyclonal antibody against PI4KB. It was validated on Western Blot

Target Description: Phosphorylates phosphatidylinositol (PI) in the first committed step in the production of the second messenger inositol-1,4,5,-trisphosphate (PIP). PI4KB may regulate Golgi disintegration/reorganization during mitosis, possibly via its phosphorylation. Involved in Golgi-to-plasma membrane trafficking.

Product Categories/Family for anti-PI4KB antibody	Polyclonal; Immunology; Various; Meiosis/Mitosis/Cell Cycle; Phosphorylation
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505809
NCBI GeneID	5298
NCBI Accession #	NP_002642
NCBI GenBank Nucleotide #	NM_002651
UniProt Accession #	Q9UBF8
Molecular Weight	93kDa
NCBI Official Full Name	phosphatidylinositol 4-kinase beta isoform 1
NCBI Official Synonym Full Names	phosphatidylinositol 4-kinase beta
NCBI Official Symbol	PI4KB
NCBI Official Synonym Symbols	NPIK; PI4K92; PIK4CB; PI4KBETA; PI4K-BETA; PI4KIIIBETA
NCBI Protein Information	phosphatidylinositol 4-kinase beta
UniProt Protein Name	Phosphatidylinositol 4-kinase beta
UniProt Gene Name	PI4KB
UniProt Synonym Gene Names	PIK4CB; PI4K-beta; PI4Kbeta
UniProt Entry Name	PI4KB_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.