

Datasheet for ABIN2786677
anti-PI4KB antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PI4KB
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PI4KB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PI4KB
Sequence:	LILSDELKPA HRKRELPSLS PAPDTGLSPS KRTHQRSKSD ATASISLSSN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PI4KB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PI4KB
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Target Details

Alternative Name:	PI4KB (PI4KB Products)
Background:	<p>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. In</p> <p>Alias Symbols: PI4K-BETA, PI4KIIIbeta, PI4Kbeta, PIK4CB, pi4K92, NPIK, PI4K92, PI4KBETA, PI4KIIIBETA</p> <p>Protein Interaction Partner: YWHAB, MYC, YWHAG, YWHAQ, KBTBD7, NCS1, SFN,</p> <p>Protein Size: 828</p>
Molecular Weight:	93 kDa
Gene ID:	5298
NCBI Accession:	NM_002651 , NP_002642
UniProt:	Q9UBF8
Pathways:	Inositol Metabolic Process

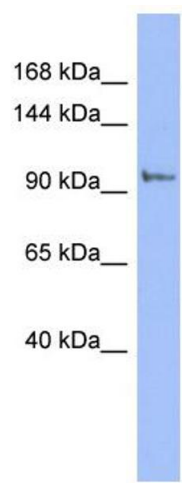
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 828 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PI4KB Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Jurkat cell lysate