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# Datasheet for ABIN5532966 anti-PI4K2B antibody (C-Term)

2 Images



#### Overview

Quantity:	400 µL
Target:	PI4K2B
Binding Specificity:	AA 305-336, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PI4K2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PI 4 Kinase type 2 beta antibody is generated from rabbits immunized with a KLH
	conjugated synthetic peptide between 305-336 amino acids from the C-terminal region of
	human PI 4 Kinase type 2 beta.
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by

dialysis

#### Target Details

Target:	PI4K2B
Alternative Name:	PI 4 Kinase type 2 beta (PI4K2B Products)
Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor,

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## Target Details

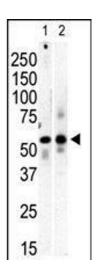
Gene ID:	55300
Molecular Weight:	55 kDa
	serine/threonine (STK) kinase catalytic domains.
	been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or
	protein kinase family is one of the largest families of proteins in eukaryotes. The family has
	and cell movement, apoptosis, and differentiation. With more than 500 gene products, the
	regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement
	basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells,
	generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this

55300
Q8TCG2
Inositol Metabolic Process

### Application Details

Application Notes:	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1.25 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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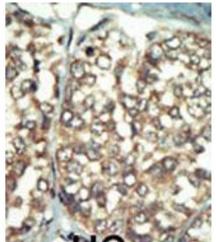




**Image 1.** Western blot analysis of anti-PI4K II beta Pab in mouse brain (Lane A) and Saos-2 (Lane B) cell lysate. PI4K II beta was detected using purified Pab.

#### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. BC = breast carcinoma; HC = hepatocarcinoma.



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