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Datasheet for ABIN392550

# anti-PIK3C2B antibody (N-Term)





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Alternative Name:

Overview	
Quantity:	400 μL
Target:	PIK3C2B
Binding Specificity:	AA 120-150, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3C2B antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PI3KC2B antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 120-150 amino acids from the N-terminal region of human PI3KC2B.
Clone:	RB01687
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	
Target:	PIK3C2B

PI3KC2B (PIK3C2B Products)

#### **Target Details**

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

Molecular Weight:	184768
Gene ID:	5287
NCBI Accession:	NP_002637
UniProt:	000750
Pathways:	Inositol Metabolic Process

# **Application Details**

Applic	cation	No.	tes:
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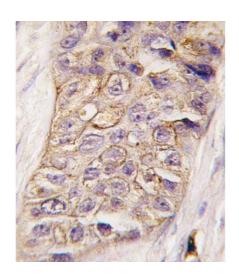
IHC-P: 1:10~50

Restrictions:

For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with PI3KC2B antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.