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## anti-PIK3C2A antibody



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Quantity:	100 μg	
Target:	PIK3C2A	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PIK3C2A antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA	

#### **Product Details**

Immunogen:	phosphoinositide-3-kinase, class 2, alpha polypeptide	
Isotype:	IgG	
Purification:	Immunogen affinity purified	
Purity:	≥95 % as determined by SDS-PAGE	

### **Target Details**

Target:	PIK3C2A	
Alternative Name:	PIK3C2A (PIK3C2A Products)	
Background:	Synonyms: Background:The protein encoded by this gene belongs to the phosphoinositide 3-kinase (PI3K) family. PI3-kinases play roles in signaling pathways involved in cell proliferation,	
	oncogenic transformation, cell survival, cell migration, and intracellular protein trafficking. This	
	protein contains a lipid kinase catalytic domain as well as a C-terminal C2 domain, a	

#### **Target Details**

characteristic of class II PI3-kinases. C2 domains act as calcium-dependent phospholipid binding motifs that mediate translocation of proteins to membranes, and may also mediate protein-protein interactions. The PI3-kinase activity of this protein is not sensitive to nanomolar levels of the inhibitor wortmanin. This protein was shown to be able to be activated by insulin and may be involved in integrin-dependent signaling.

Molecular Weight:

191 kDa

Gene ID:

5286

UniProt:

O00443

Pathways:

EGFR Signaling Pathway, Inositol Metabolic Process, Platelet-derived growth Factor Receptor

Application Details

Application Notes: WB: 1:500 - 1:2000, IHC: 1:100 - 1:200

Restrictions: For Research Use only

Signaling

Handling

Storage Comment:

Format:

Buffer:

PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 ,

Preservative:

Sodium azide

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

-20 °C

-20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months