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Datasheet for ABIN360438 anti-PIK3C2G antibody (N-Term)

Image



Overview

Quantity:	0.4 mL
Target:	PIK3C2G
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3C2G antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human PI3KC2G.
lsotype:	Ig Fraction
Specificity:	This antibody reacts to PI3KC2G.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	PIK3C2G
Alternative Name:	PIK3C2G (PIK3C2G Products)

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Target Details

Background:	 PI3KC2G 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 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 biological function of this gene has not yet been determined.Synonyms: PI3K C2 gamma, PI3K-C2-gamma,
	Phosphatidylinositol-4-phosphate 3-kinase C2 domain-containing subunit gamma,
	Phosphoinositide 3-kinase-C2-gamma, PtdIns-3-kinase C2 subunit gamma
Gene ID:	5288, 9606
UniProt:	075747
Pathways:	Inositol Metabolic Process
Application Details	
Application Notes:	ELISA: 1/1,000. Immunohistochemistry: 1/50 - 1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

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Image 1.

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