

For Research Use Only

PIK3C2A Recombinant monoclonal antibody

Catalog Number: 88380-1-RR



Basic Information

Catalog Number: 88380-1-RR	GenBank Accession Number: BC113658	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 5286	CloneNo.: 260864A5
Isotype: IgG	UNIPROT ID: O00443	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG16894	Full Name: phosphoinositide-3-kinase, class 2, alpha polypeptide	
	Calculated MW: 1686 aa, 191 kDa	
	Observed MW: 191 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, PC-3 cells, NIH/3T3 cells, C6 cells, mouse testis tissue

Background Information

PIK3C2A, also known as PI3K-C2alpha, is a member of phosphatidylinositol -4- phosphate 3- kinase (PI3K) family. Genes in this family play a key role in cell signal transduction. The main function of PIK3C2A is to participate in the metabolism of phosphatidylinositol in cells, specifically, it is responsible for converting phosphatidylinositol -4- phosphate (PIP) into phosphatidylinositol -3,4- diphosphate (PIP2).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

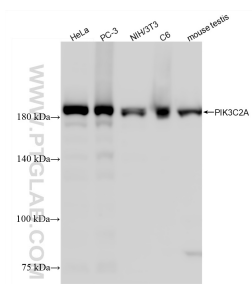
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88380-1-RR (PIK3C2A antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.