

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
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5286	CloneNo.: 260864A5
Source: Rabbit	UNIPROT ID: O00443	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: phosphoinositide-3-kinase, class 2, alpha polypeptide	
Immunogen Catalog Number: AG16894	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

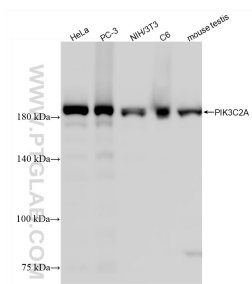
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.