

For Research Use Only

PIP4K2B Recombinant antibody, PBS Only

Catalog Number: 83647-3-PBS



Basic Information

Catalog Number: 83647-3-PBS	GenBank Accession Number: BC027459	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8396	CloneNo.: 240645F10
Source: Rabbit	UNIPROT ID: P78356	
Isotype: IgG	Full Name: phosphatidylinositol-5-phosphate 4-kinase, type II, beta	
Immunogen Catalog Number: AG4099	Calculated MW: 416 aa, 47 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications:
WB, IHC, IF-P, FC (Intra), ELISA

Species Specificity:
human, mouse

Background Information

PIP4K2B, also named as PIP5K2B, participates in the biosynthesis of phosphatidylinositol-4,5-bisphosphate. PIP4K2B has a homodimer.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

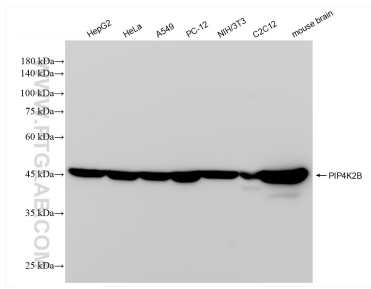
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

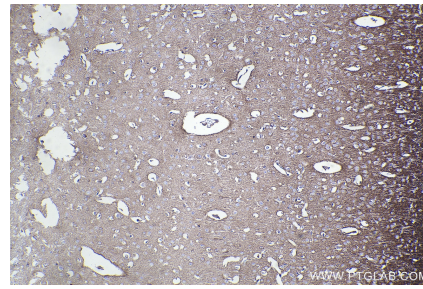
E: proteintech@ptglab.com
W: ptglab.com

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

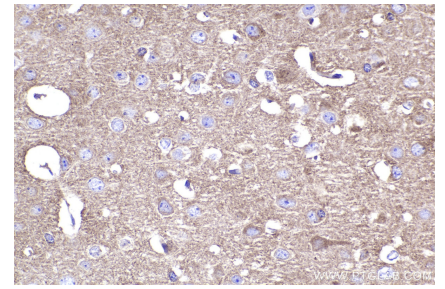
Selected Validation Data



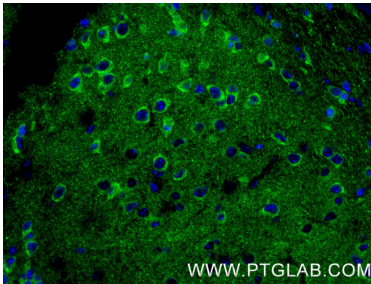
Various lysates were subjected to SDS PAGE followed by western blot with 83647-3-RR (PIP4K2B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83647-3-PBS in a different storage buffer formulation.



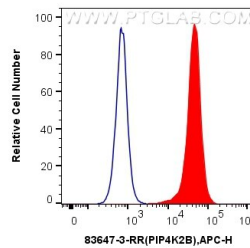
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 83647-3-RR (PIP4K2B antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83647-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 83647-3-RR (PIP4K2B antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83647-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using PIP4K2B antibody (83647-3-RR, Clone: 240645F10) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83647-3-PBS in a different storage buffer formulation.



1x10⁶ A549 cells were intracellularly stained with 0.25 ug PIP4K2B Recombinant antibody (83647-3-RR, Clone:240645F10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83647-3-PBS in a different storage buffer formulation.