

For Research Use Only

# PIP4K2C Recombinant antibody, PBS Only

Catalog Number: 85356-1-PBS



## Basic Information

<b>Catalog Number:</b> 85356-1-PBS	<b>GenBank Accession Number:</b> BC028596	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79837	<b>CloneNo.:</b> 242520H2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TBX8	
<b>Isotype:</b> IgG	<b>Full Name:</b> phosphatidylinositol-5-phosphate 4-kinase, type II, gamma	
<b>Immunogen Catalog Number:</b> AG11198	<b>Calculated MW:</b> 421 aa, 47 kDa	
	<b>Observed MW:</b> 47 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, rat

## Background Information

PIP4K2C is involved in several processes, including 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate biosynthetic process; negative regulation of 1-phosphatidylinositol-4-phosphate 5-kinase activity; and positive regulation of autophagosome assembly. PIP4Ks negatively regulate insulin signaling through a catalytic-independent mechanism.

## Storage

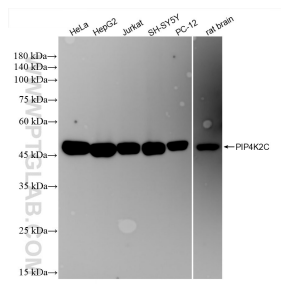
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85356-1-RR (PIP4K2C antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85356-1-PBS in a different storage buffer formulation.