

# Datasheet for ABIN928941 anti-PI4K2B antibody (N-Term)

## 1 Image



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Overview		
Quantity:	100 μL	
Target:	PI4K2B	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PI4K2B antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	Pi4 k4 antibody was raised in rabbit using the N terminal of Pi4 4 as the immunogen	
Cross-Reactivity:	Mouse (Murine)	
Purification:	Purified	
Target Details		
Target:	PI4K2B	
Alternative Name:	Pi4k2b (PI4K2B Products)	
Background:	Together with PI4K2A and the type III PI4Ks Pi4k2b contributes to the overall PI4-kinase activity	
	of the cell. This contribution may be especially significant in plasma membrane, endosomal and	
	Golgi compartments. The phosphorylation of phosphatidylinositol (PI) to PI4P is the first	
	committed step in the generation of phosphatidylinositol 4,5-bisphosphate (PIP2), a precursor	

## **Target Details**

of the second messenger inositol 1,4,5-trisphosphate (InsP3). Pi4k2b contributes to the	
production of InsP3 in stimulated cells and is likely to be involved in the regulation of vesicular	
trafficking. Synonyms: Polyclonal Pi4k2b antibody, Anti-Pi4k2b antibody, phosphatidylinositol	ļ-
kinase type 2 beta antibody, 2610042N09Rik antibody, 4933409G22Rik antibody.	

Pathways:

**Inositol Metabolic Process** 

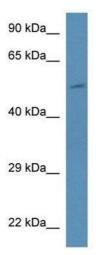
## **Application Details**

Application Notes:	Optimal conditions should be determined by the investigator.	
Comment:	Pi4k2b Blocking Peptide, catalog no. 33R-2323, is also available for use as a blocking control in assays to test for specificity of this Pi4k2b antibody	
Restrictions:	For Research Use only	

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## **Images**



#### **Western Blotting**

**Image 1.** Western Blot showing Pi4k2b antibody used at a concentration of 1.0 ug/ml against Mouse Liver Lysate