

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



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1 Image

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 4-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 μ 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 μ g/ml against Mouse Liver Lysate