

Datasheet for ABIN2790492  
**anti-PIP5K1B antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	PIP5K1B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIP5K1B antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PIP5K1B
Sequence:	VFKKIQALKA SPSKKRCNSI AALKATSQEI VSSISQEWKD EKRDLLTEGQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PIP5K1B. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	PIP5K1B
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## Target Details

Alternative Name:	PIP5K1B ( <a href="#">PIP5K1B Products</a> )
Background:	<p>PIP5K1B participates in the biosynthesis of phosphatidylinositol 4,5-bisphosphate. It mediates RAC1-dependent reorganization of actin filaments and contributes to the activation of PLD2.</p> <p>Together with PIP5K1A is required after stimulation of G-protein coupled receptors for stable platelet adhesion.</p> <p>Alias Symbols: MSS4, STM7</p> <p>Protein Interaction Partner: UBC, PIP5KL1, BTK, SPOP,</p> <p>Protein Size: 540</p>
Molecular Weight:	61 kDa
Gene ID:	8395
NCBI Accession:	<a href="#">NM_003558</a> , <a href="#">NP_003549</a>
UniProt:	<a href="#">O14986</a>
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">Inositol Metabolic Process</a> , <a href="#">Cell-Cell Junction Organization</a>

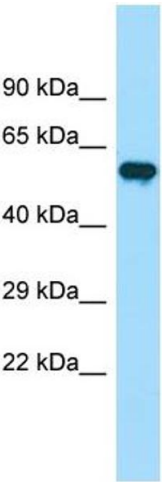
## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 540 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



**Western Blotting**

**Image 1.** WB Suggested Anti-PIP5K1B Antibody Titration:  
1.0 ug/ml Positive Control: Fetal Liver