

Datasheet for ABIN655244

**anti-PIP5KL1 antibody (N-Term)**

3 Images

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## Overview

Quantity:	400 µL
Target:	PIP5KL1
Binding Specificity:	AA 57-86, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIP5KL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This PIP5KL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-86 amino acids from the N-terminal region of human PIP5KL1.
Clone:	RB29011
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PIP5KL1
Alternative Name:	PIP5KL1 ( <a href="#">PIP5KL1 Products</a> )

## Target Details

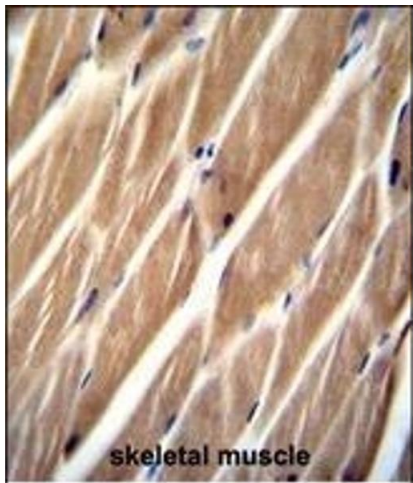
Background:	PIP5KL1 is a phosphoinositide kinase-like protein that lacks intrinsic lipid kinase activity but associates with type I PIPKs (see PIP5K1A, MIM 603275) and may play a role in localization of PIPK activity (Chang et al., 2004 [PubMed 14701839]).[supplied by OMIM].
Molecular Weight:	44572
Gene ID:	138429
NCBI Accession:	<a href="#">NP_001128691</a> , <a href="#">NP_775763</a>
UniProt:	<a href="#">Q5T9C9</a>
Pathways:	<a href="#">Inositol Metabolic Process</a>

## Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

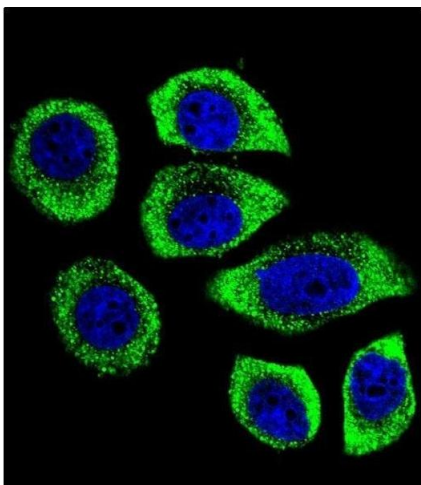
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



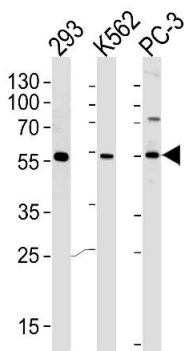
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** PIP5KL1 Antibody (N-term) (ABIN655244 and ABIN2844847) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PIP5KL1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



#### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of PIP5KL1 Antibody (N-term) (ABIN655244 and ABIN2844847) with U-251MG cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



#### Western Blotting

**Image 3.** Western blot analysis of lysates from 293, K562, PC-3 cell line (from left to right), using PIP5KL1 Antibody (N-term) (ABIN655244 and ABIN2844847). (ABIN655244 and ABIN2844847) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35  $\mu$ g per lane.