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Datasheet for ABIN7269287

anti-PI4KB antibody (AA 560-801)

3 Images

Overview

Quantity:	100 µL
Target:	PI4KB
Binding Specificity:	AA 560-801
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PI4KB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	PI4KB Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 560-801 of human PI4KB (NP_001185702).
Sequence:	AFQVLKQLQS IWEQERVPLW IKPYKILVIS ADSGMIEPVV NAVSIHQVKK QSLSLLDYF LQEHGSYTTE AFLSAQRNFV QSCAGYCLVC YLLQVKDRHN GNILLDAEGH IIHIDFGFIL SSSPRNLGFE TSAFKLTTEF VDVMGGLDGD MFNYYKMLML QGLIAARKHM DKVVQIVEIM QQGSQLPCFH GSSTIRNLKE RFHMSMTEEQ LQLLVEQMVD GSMRSITTKL YDGFQYLTNG IM
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: PI4KB

Alternative Name: PI4KB ([PI4KB Products](#))

Background: Phosphorylates phosphatidylinositol (PI in the first committed step in the production of the second messenger inositol-1,4,5,-trisphosphate (PIP. May regulate Golgi disintegration/reorganization during mitosis, possibly via its phosphorylation. Involved in Golgi-to-plasma membrane trafficking (By similarity.,PI4KB,NPIK,PI4K-BETA,PI4K92,PI4KBETA,PI4KIIIBETA,PIK4CB,Signal Transduction,Kinase,Endocrine & Metabolism,Lipid Metabolism,PI4KB

Molecular Weight: 54kDa/89kDa/91kDa

Gene ID: 5298

UniProt: [Q9UBF8](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

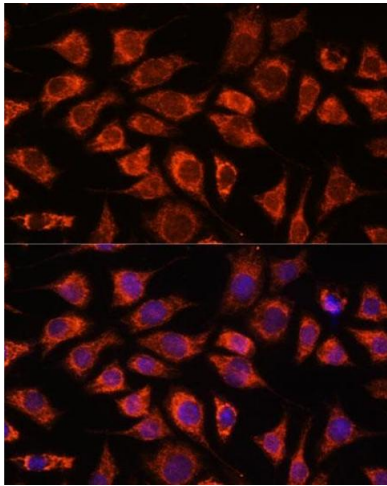
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

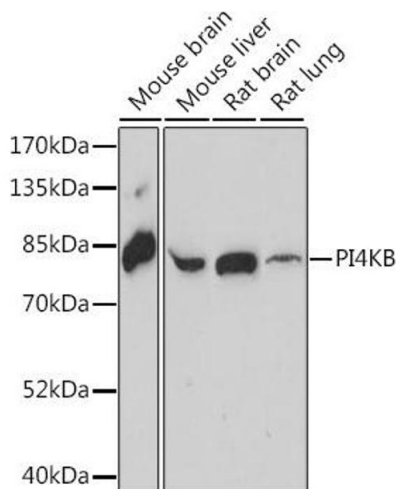
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



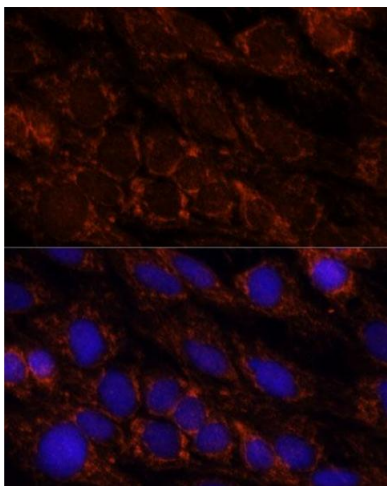
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using PI4KB antibody (ABIN7269287) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PI4KB antibody (ABIN7269287) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using PI4KB antibody (ABIN7269287) at dilution of 1:100. Blue: DAPI for nuclear staining.