Datasheet for ABIN1534208

anti-PIKFYVE antibody (AA 71-120)

2 Images

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Overview

Quantity:	100 µg
Target:	PIKFYVE
Binding Specificity:	AA 71-120
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIKFYVE antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PIP5K.
Isotype:	IgG
Specificity:	PIP5K Antibody detects endogenous levels of total PIP5K protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	PIKFYVE
Alternative Name:	PIP5K (PIKFYVE Products)
Background:	Synonyms: 1- phosphatidylinositol-4-phosphate 5-kinase, FYV1, FYVE finger-containing

Target Details

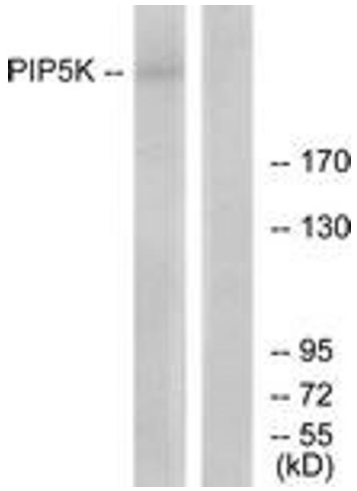
	phosphoinositide kinase, KIAA0981, PIKfyve, PIP5K3, PtdIns(4)P-5- kinase, p235 NCBI Gene Symbol: PIKFYVE
Molecular Weight:	237 kDa
Gene ID:	200576
OMIM:	609414
UniProt:	Q9Y2I7
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.724606 (NCBI Gene Symbol: PIKFYVE)
Restrictions:	For Research Use only

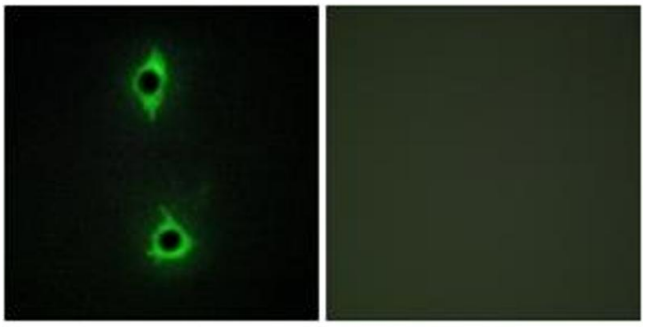
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using PIP5K Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of COS7 cells, using PIP5K Antibody. The picture on the right is treated with the synthesized peptide.