Datasheet for ABIN525232

anti-PIK3R5 antibody (AA 1-494)

Go to Product page

2 Images

Overview

Quantity:	100 µg
Target:	PIK3R5
Binding Specificity:	AA 1-494
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R5 antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human PIK3R5 protein.
Immunogen:	PIK3R5 (AAH28212.1, 1 a.a. ~ 494 a.a) full-length human protein.
Sequence:	MDSGYVEDSE ESSSEWPWRR GSQERRGHRR PGQKFIRIYK LFKSTSQLVL RRDSRSLEGS SDTALPLRRA GSLCSPLDEP VSPPSRAQRS RSLPQPKLGT QLPSWLLAPA SRPQRRRPFL SGDEDPKAST LRVVVFGSDR ISGKVARAYS NLRRLENNRP LLTRFFKLQF FYVPVKRSHG TSPGACPPPR SQTPSPPTDS PRHASPGELG TTPWEESTND ISHYLGMLDP WYERNVLGLM HLPPEVLCQQ SLKAEAQALE GSPTQLPILA DMLLYYCRFA ARPVLLQVYQ TELTFITGEK TTEIFIHSLE LGHSAATRAI KASGPGSKRL GIDGDREAVP LTLQIIYSKG AISGRSRWSN LEKVCTSVNL NKACRKQEEL DSSMEALTLN LTEVVKRQNS KSKKGFNQIS TSQIKVDKVQ IIGSNSCPFA VCLDQDERKI LQSVVRCEVS PCYKPEKSDL SSPPQTPPDL PAQAAPDLCS LLCLPIMTFS GALP

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Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	PIK3R5
Alternative Name:	PIK3R5 (PIK3R5 Products)
Background:	Full Gene Name: phosphoinositide-3-kinase, regulatory subunit 5 Synonyms: F730038I15Rik,FOAP-2,P101-PI3K,p101
Gene ID:	23533
Pathways:	PI3K-Akt Signaling, Inositol Metabolic Process, Hepatitis C, VEGF Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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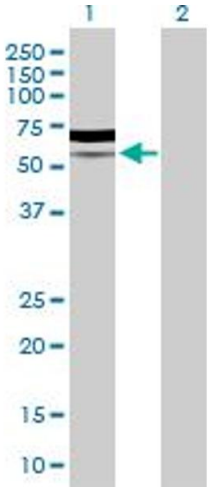
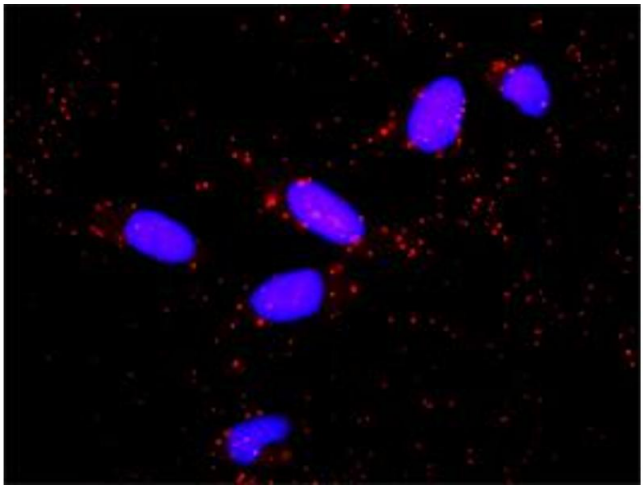


Western Blotting

Image 1. Western Blot analysis of PIK3R5 expression in transfected 293T cell line by PIK3R5 MaxPab polyclonal antibody.

Lane 1: PIK3R5 transfected lysate(54.90 KDa).

Lane 2: Non-transfected lysate.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between PIK3R5 and PIK3CG. HeLa cells were stained with anti-PIK3R5 rabbit purified polyclonal 1:1200 and anti-PIK3CG mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

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