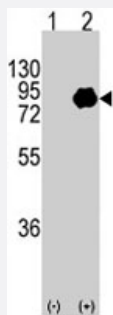


PIK3R2 polyclonal antibody

Catalog # PAB3933

Size 400 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of PIK3R2 (arrow) using rabbit PIK3R2 polyclonal antibody (Cat # PAB3933). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PIK3R2 gene (Lane 2) (Origene Technologies).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PIK3R2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to residues surrounding Y464 of human PIK3R2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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Gene Info — PIK3R2

Entrez GeneID	5296
Protein Accession#	NP_005018:O00459
Gene Name	PIK3R2
Gene Alias	P85B, p85, p85-BETA
Gene Description	phosphoinositide-3-kinase, regulatory subunit 2 (beta)
Omim ID	603157
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 2 (p85 beta) phosphoinositide-3-kinase, regulatory subunit 2 (p85 beta) phosphoinositide-3-kinase, regulatory subunit, polypeptide 2 (p85 beta)

Publication Reference

- [Human immunodeficiency virus type 1 tat-mediated cytotoxicity of human brain microvascular endothelial cells.](#)
Khan NA, Di Cello F, Nath A, Kim KS.
Journal of Neurovirology 2003 Dec; 9(6):584.
- [Recruitment of phosphatidylinositol 3-kinase to CD28 inhibits HIV transcription by a Tat-dependent mechanism.](#)
Cook JA, August A, Henderson AJ.
Journal of Immunology 2002 Jul; 169(1):254.

- [HIV-1-Tat protein activates phosphatidylinositol 3-kinase/ AKT-dependent survival pathways in Kaposi's sarcoma cells.](#)

Deregibus MC, Cantaluppi V, Doublier S, Brizzi MF, Deambrosis I, Albini A, Camussi G.

The Journal of Biological Chemistry 2002 May; 277(28):25195.

Pathway

- [Acute myeloid leukemia](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [Melanoma](#)
- [mTOR signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)

- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Phosphatidylinositol signaling system](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [Type II diabetes mellitus](#)
- [VEGF signaling pathway](#)