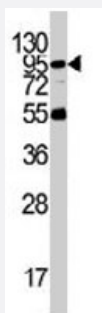


PIK3R5 polyclonal antibody

Catalog # PAB3224

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of PIK3R5 polyclonal antibody (Cat # PAB3224) in K-562 cell line lysates (35 ug/lane). PIK3R5 (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PIK3R5.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human PIK3R5.
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 (Cell lysate)

Western blot analysis of PIK3R5 polyclonal antibody (Cat # PAB3224) in K-562 cell line lysates (35 ug/lane). PIK3R5 (arrow) was detected using the purified polyclonal antibody.

Gene Info — PIK3R5

Entrez GeneID	23533
Protein Accession#	NP_055123;Q8WYR1
Gene Name	PIK3R5
Gene Alias	F730038I15Rik, FOAP-2, P101-PI3K, p101
Gene Description	phosphoinositide-3-kinase, regulatory subunit 5
Omim ID	611317
Gene Ontology	Hyperlink
Gene Summary	Receptor-regulated class I phosphoinositide 3-kinases (PI3Ks) phosphorylate the membrane lipid phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) to PtdIns(3,4,5)P3, which in turn recruits and activates cytosolic effectors involved in proliferation, survival, or chemotaxis. PIK3R5 is a PI3K regulatory subunit (Brock et al., 2003 [PubMed 12507995]).[supplied by OMIM]
Other Designations	phosphoinositide-3-kinase, regulatory subunit 5, p101 phosphoinositide-3-kinase, regulatory subunit, polypeptide p101

Publication Reference

- [Roles of G beta gamma in membrane recruitment and activation of p110 gamma/p101 phosphoinositide 3-kinase gamma.](#)

Brock C, Schaefer M, Reusch HP, Czupalla C, Michalke M, Spicher K, Schultz G, Nurnberg B.

The Journal of Cell Biology 2003 Jan; 160(1):89.

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](#)

Disease

- [HIV Infections](#)
- [Tobacco Use Disorder](#)