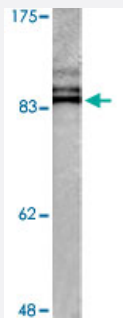


PIK3R1/PIK3R3 polyclonal antibody

Catalog # PAB24724

Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with PIK3R1/PIK3R3 polyclonal antibody (Cat # PAB24724) at 1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PIK3R1/PIK3R3.
Immunogen	A synthetic peptide corresponding to PIK3R1/PIK3R3.
Host	Rabbit
Theoretical MW (kDa)	85
Reactivity	Human
Specificity	PIK3R1/PIK3R3 polyclonal antibody detects endogenous levels of PIK3R1/PIK3R3 protein.
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (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 HeLa cell lysate with PIK3R1/PIK3R3 polyclonal antibody (Cat # PAB24724) at 1:500 dilution.

Gene Info — PIK3R1

Entrez GeneID [5295](#)

Gene Name PIK3R1

Gene Alias GRB1, p85, p85-ALPHA

Gene Description phosphoinositide-3-kinase, regulatory subunit 1 (alpha)

Omim ID [171833](#)

Gene Ontology [Hyperlink](#)

Gene Summary Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in three transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)|phosphatidylinositol 3-kinase, regulatory, 1|phosphatidylinositol 3-kinase-associated p-85 alpha|phosphoinositide-3-kinase, regulatory subunit 1 (p85 alpha)|phosphoinositide-3-ki

Gene Info — PIK3R3

Entrez GeneID [8503](#)

Gene Name PIK3R3

Gene Alias DKFZp686P05226, FLJ41892, p55, p55-GAMMA

Gene Description phosphoinositide-3-kinase, regulatory subunit 3 (gamma)

Omim ID [606076](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

O

Other Designations

100% homology to SWISS-PROT Q92569|OTTHUMP00000009783|OTTHUMP00000009786|phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 3 (p55, gamma)|phosphoinositide-3-kinase, regulatory subunit 3 (p55, gamma)|phosphoinositide-3-kinase, regulatory subunit

Pathway

- [Acute myeloid leukemia](#)
- [Acute myeloid leukemia](#)
- [Apoptosis](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)

- [Focal adhesion](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Glioma](#)
- [Insulin signaling pathway](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [Leukocyte transendothelial migration](#)
- [Melanoma](#)
- [Melanoma](#)
- [mTOR signaling pathway](#)
- [mTOR signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Pathways in cancer](#)
- [Phosphatidylinositol signaling system](#)
- [Phosphatidylinositol signaling system](#)

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

Disease

- [Alzheimer disease](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Neoplasms](#)
- [Obesity](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Periodontitis](#)
- [Polycystic Ovary Syndrome](#)
- [Prostatic Neoplasms](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tobacco Use Disorder](#)