

PIK3R2 Antibody

Catalog No: #37372



Package Size: #37372-1 50ul #37372-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

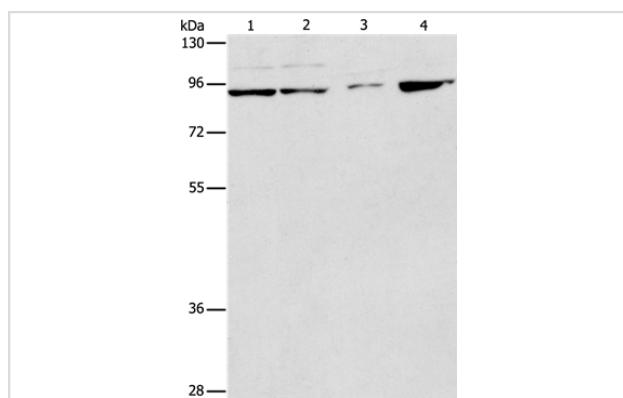
Product Name	PIK3R2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Rat
Specificity	The antibody detects endogenous levels of total PIK3R2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human phosphoinositide-3-kinase, regulatory subunit 2 (beta)
Conjugates	Unconjugated
Target Name	PIK3R2
Other Names	p85; MPPH; P85B; p85-BETA
Accession No.	Swiss-Prot#: O00459NCBI Gene ID: 5296Gene Accssion: NP_005018
SDS-PAGE MW	82kd
Concentration	2.8mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:100

Images



Gel: 8%SDS-PAGE

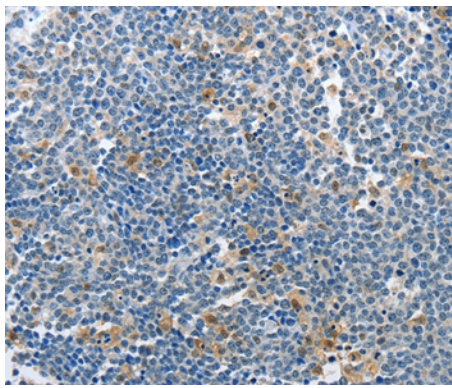
Lysates (from left to right): Raji, A549, A431 and K562 cell

Amount of lysate: 40ug per lane

Primary antibody: 1/233 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human lymphoma tissue using #37372 at dilution 1/70.

Background

Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene.

Published Papers

el at., HIF-1 α -induced up-regulation of microRNA-126 contributes to the effectiveness of exercise training on myocardial angiogenesis in myocardial infarction rats. In J Cell Mol Med on 2020 Nov by Wei Song, Qiaoqin Liang,et al..PMID:32939968, , (2020)

[PMID:32939968](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.