

PIK3R2 Antibody

Catalog No: #37372

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Description

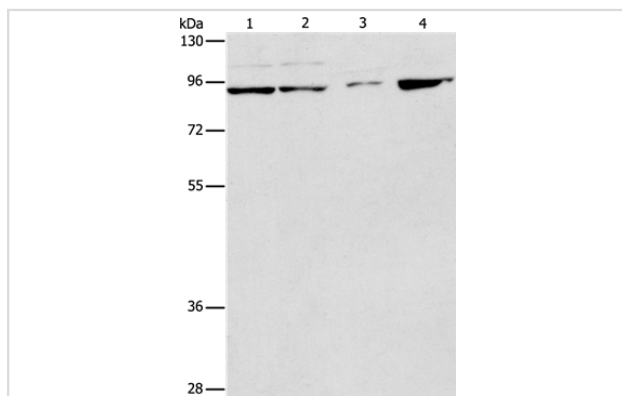
Product Name	PIK3R2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total PIK3R2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human phosphoinositide-3-kinase, regulatory subunit 2 (beta)
Target Name	PIK3R2
Other Names	p85; MPPH; P85B; p85-BETA
Accession No.	Swiss-Prot#: O00459NCBI Gene ID: 5296Gene Accssion: NP_005018
Uniprot	O00459
GeneID	5296;
SDS-PAGE MW	82kd
Concentration	2.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:100

Images



Gel: 8%SDS-PAGE

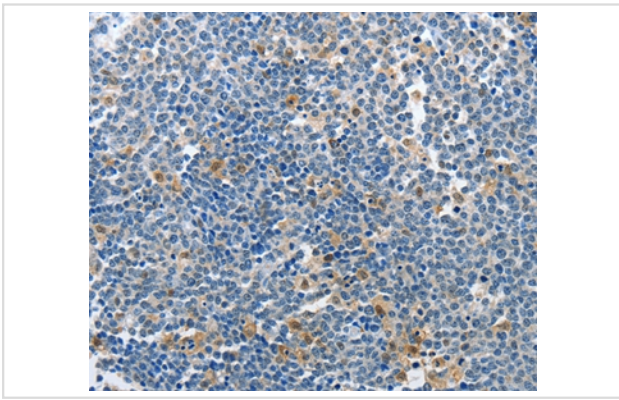
Lysates (from left to right): Raji, A549, A431 and K562 cell

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.

Note: This product is for in vitro research use only