PI 3-kinase p85β (phospho Tyr464) Polyclonal Antibody

Catalog No: #13621

Package Size: #13621-1 50ul #13621-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PI 3-kinase p85β (phospho Tyr464) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-PI 3-kinase p85β (Y464) Polyclonal Antibody detects endogenous levels of PI 3-kinase p85β protein only when phosphorylated at Y464.
Immunogen Description	Synthesized phospho-peptide around the phosphorylation site of human PI 3-kinase p85β (phospho Tyr464)
Conjugates	Unconjugated
Other Names	PIK3R2; Phosphatidylinositol 3-kinase regulatory subunit beta; PI3-kinase regulatory subunit beta; PI3K regulatory subunit beta; PtdIns-3-kinase regulatory subunit beta; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta; PI3-kina
Accession No.	Swiss Prot:O00459GeneID:5296
SDS-PAGE MW	85
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Background

phosphoinositide-3-kinase regulatory subunit 2(PIK3R2) Homo sapiens 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. [provided by RefSeq, Dec 2012],