



Phospho-PI3 Kinase p85/p55 (Tyr467/Tyr199) Rabbit pAb

Catalog No	BYab-17845
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC-P,ICC/IF
Gene Name	PIK3R1
Alternative Names	PIK3R1; GRB1; Phosphatidylinositol 3-kinase regulatory subunit alpha; PI3-kinase regulatory subunit alpha; PI3K regulatory subunit alpha; PtdIns-3-kinase regulatory subunit alpha; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha; PI3-kinase subunit p85-alpha; PtdIns-3-kinase regulatory subunit p85-alpha
Research Field	Signal Transduction
Product Categories	Primary antibody
Host	Rabbit
Molecular Weight	Calculated MW: 84 kDa; Observed MW: 55,85 kDa
Clonality	Polyclonal Antibody
Clonality No.	-
Dilution	WB: 1/500-1/1000 IF: 1/50-1/200
Immunogen	The antiserum was produced against synthesized peptide derived from human PI3-kinase p85-alpha/gamma around the phosphorylation site of Tyr467/199.
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Phosphorylated
Form	Liquid
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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Background

Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane. Necessary for the insulin-stimulated increase in glucose uptake and glycogen synthesis in insulin-sensitive tissues. Plays an important role in signaling in response to FGFR1, FGFR2, FGFR3, FGFR4, KITLG/SCF, KIT, PDGFRA and PDGFRB. Likewise, plays a role in ITGB2 signaling.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

