

PI3 kinase p85 alpha + gamma (Phospho-Tyr467 + Tyr199) antibody HRP Conjugated

Catalog No: #C04630H

Package Size: #C04630H 100ul

Description

Product Name	PI3 kinase p85 alpha + gamma (Phospho-Tyr467 + Tyr199) antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WBB B IHC-PB IHC-F
Species Reactivity	HuB MsB RtB B
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 176-212 461 derived from human PI3K around the phosphorylation site of p85 alphaTyr467
Conjugates	HRP
Target Name	PI3 kinase p85 alpha + gamma Tyr467 + Tyr199
Other Names	p85; AGM7; GRB1; IMD36; p85-ALPHA; 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
Accession No.	Swiss-Prot#P27986NCBI Gene ID5295
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

Background

Binds to activated (phosphorylated) protein-Tyr kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p11 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.

Published Papers

Rui Yang;Meng-Yan Deng;Lu-Kui Yang;Guan-Zhe Wang;Jun Ma;Qiang Wen;Na Gao;Hai-Ling Qiao et al., Identification of Cytochrome P450 2E1 as a Novel Target in Neuroinflammation and Development of Its Inhibitor Q11 as a Treatment Strategy., (2025)

[PMID:40122152](https://pubmed.ncbi.nlm.nih.gov/40122152/)

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