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Phospho-PIK3R1/PIK3R2/PIK3R3-Y467

Reactivity: Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:1000

Calculated MW:85kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding Y467 of human PIK3R1/2/3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PI3-kinase p85 subunit alpha ; PtdIns-3-kinase p85-alpha;

Catalog #:AP0427

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5295/ 8503/ 5296

Isotype: IgG

Swiss Prot:P27986/Q92569/O00459

Purity: Affinity purification

For research use only.

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. Binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1./Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane.

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