Phospho-PIK3R1 (Tyr607) Antibody

PACO23974

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:1000

Protein 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.

Gene ID:

PIK3R1

Uniprot

P27986

Synonyms:

p85, AGM7, GRB1, p85-ALPHA

Immunogen:

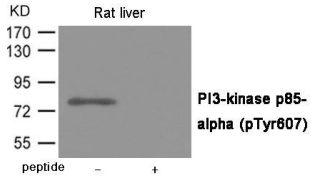
Peptide sequence around phosphorylation site of Tyrosine 607(D-Q-Y(p)-S-L) derived from Human PI3-kinase p85-alpha.

Storage:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

 info@assaygenie.com www.assaygenie.com

Product Images



Western blot analysis of extracts from Rat liver tissue using PI3-kinase p85- alpha (Phospho-Tyr607) Antibody. The lane on the right is treated with the antigen-specific peptide.