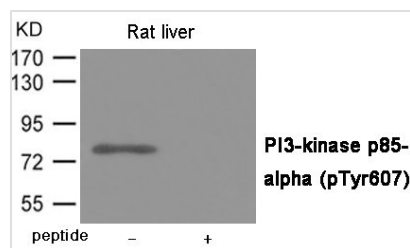


Phospho-PIK3R1 (Tyr607) Antibody

Product Code	CSB-PA143555
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P27986
Immunogen	Peptide sequence around phosphorylation site of Tyrosine 607(D-Q-Y(p)-S-L) derived from Human PI3-kinase p85-alpha.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of PI3-kinase p85- alpha only when phosphorylated at Tyrosine 607.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	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.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	p85, AGM7, GRB1, p85-ALPHA
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	PIK3R1

Image



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.

Product Modify Phospho-Tyr607