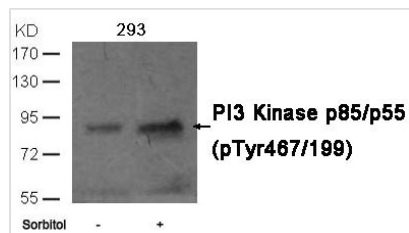




Phospho-PIK3R1/PIK3R3 (Tyr467/199) Antibody

Product Code	CSB-PA259865
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P27986/Q92569
Immunogen	Peptide sequence around phosphorylation site of tyrosine 467 (L-Y(p)-E-E-Y) derived from Human PI3 Kinase p85/p55.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PI3 Kinase p85/p55 only when phosphorylated at tyrosine 467/199.
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. 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. Stoyanov, B. et al. (1995) Science 269, 690-3. Simpson, L. and Parsons, R. (2001) Exp Cell Res 264, 29-41. Neri, L.M. et al. (2002) Biochim Biophys Acta 1584, 73-80.
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, p85-ALPHA, p55, p55-GAMMA
Product Type	Polyclonal Antibody
Target Names	PIK3R1/PIK3R3
Image	



Western blot analysis of extracts from 293 cells untreated or treated with sorbitol using PI3 Kinase p85/p55 (phospho-Tyr467/199) Antibody.

Product Modify

Phospho-Tyr467/199