

35-1306: Polyclonal Antibody to PI3 Kinase p85/p55(phospho-Tyr467/199)Antibody

Clonality :	Polyclonal
Application :	WB
Reactivity :	Rat,Mouse,Human
Gene :	PIK3R1
Gene ID :	5295
Uniprot ID :	P27986 /Q92569
Format :	Purified
Alternative Name :	p85,AGM7,p85-ALPHA,p55,p55-GAMMA
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of tyrosine 467 (L-Y(p)-E-E-Y) derived from Human PI3 Kinase p85/p55.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	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.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 55, 85kd, Western blotting: 1:500~1:1000

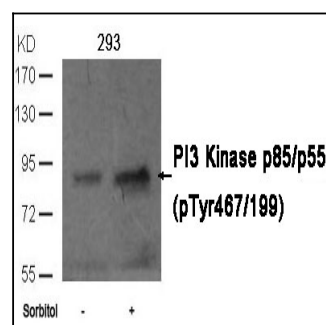


Figure 1: Western blot analysis of extracts from 293 cells untreated or treated with sorbitol using PI3 Kinase p85/p55 (phospho-Tyr467/199)Antibody 35-1306 .