

Anti-Phospho-PI3KP85 Alpha/P55 Gamma/P85 Beta-Y467/Y199/Y464 antibody (STJ11107668)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

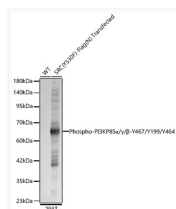
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 42-54kDa/81-84kDa Observed Mw: 60kDa (P55) /85kDa (P85)
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

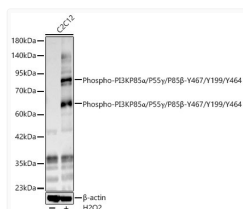
Gene ID	5295 5296 8503 PIK3R1 PIK3R2 P85A_HUMAN P85B_HUMAN P55G_HUMAN
Immunogen Sequence	DRLYEE
Specificity	A synthetic phosphorylated peptide around Y467/Y199/Y464 of human p85-alpha (NP_852664.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from wild type (WT) and 293T cells were transfected with SRC (Y530F), using Phospho-PI3KP85 Alpha/Gamma/ Beta-Y467/Y199/Y464 Rabbit pAb (STJ11107668) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis lysates from C2C12, using Phospho-PI3KP85 Alpha/P55 Gamma/P85 Beta-Y467/Y199/Y464 Rabbit pAb (STJ11107668) at 1:1000 dilution. C2C12 cells were treated by Hydrogen Peroxide (2 nM) at 37 °C for 15 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.