



PI3-kinase p85-subunit α/γ (Phospho-Tyr467/199) Antibody

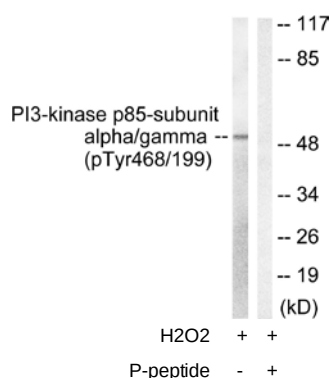
E11-1224A

Catalog Number: E11-1224A**Concentration:** 1mg/ml**Swiss-Prot No.:** P27986/Q92569**Other Names:** GRB1, P85A, PI3-kinase p85-alpha subunit, PI3K, PI3K p85-alpha, Phosphatidylinositol 3-kinase regulatory alpha subunit, PtdIns-3-kinase p85-alpha**All Sites:** Human: Tyr467/199; Mouse: Tyr467/199; Rat: Tyr467/199**Storage/Stability:** Store at -20°C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human PI3-kinase p85-subunit α/γ around the phosphorylationsite of tyrosine 467/199 (R-L-Y^P-E-E).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.**Specificity:** PI3-kinase p85-subunit α/γ (Phospho-Tyr467/199) antibody detects endogenous levels of PI3-kinase p85-subunit α/γ only when phosphorylated at tyrosine 467/199.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:1000 IF: 1:100~1:500
ELISA: 1:10000**References:**

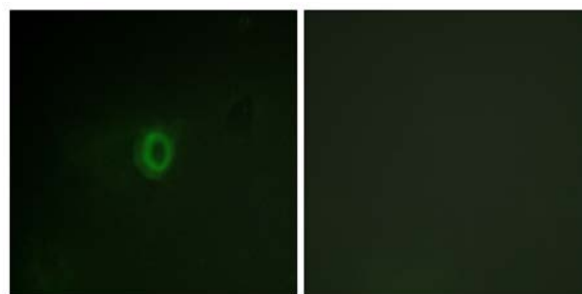
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Van Horn D.J., J. Biol. Chem. 269:29-32(1994).



Western blot analysis of extracts from COS7 cells, treated with H_2O_2 (100uM, 30mins), using PI3-kinase p85-subunit α/γ (Phospho-Tyr467/199) antibody.



Immunofluorescence analysis of NIH/3T3 cells, using PI3-kinase p85-subunit α/γ (Phospho-Tyr467/199) antibody.

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