

Anti- PI3-kinase p85- α (Phospho-Tyr607) Polyclonal



Antibody

Catalog No.	Size
A100151-01	50 μ l
A100151-02	100 μ l

Specificity	Anti- PI3-kinase p85- α (Phospho-Tyr607) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P27986

Other Names: GRB1, P85A, PI3-kinase p85-alpha subunit, PI3K, PI3K p85-alpha, Phosphatidylinositol 3-kinase regulatory alpha subunit, PtdIns-3-kinase p85-alpha

Specificity and Sensitivity

PI3-kinase p85- α (Phospho-Tyr607) antibody detects endogenous levels of PI3-kinase p85- α only when phosphorylated at tyrosine 607.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human PI3-kinase p85- α around the phosphorylation site of tyrosine 607 (D-Q-Y^P-S-L). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:1000

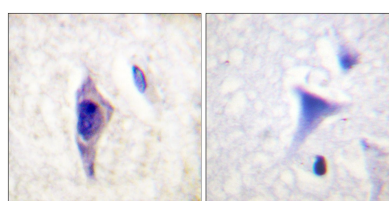
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

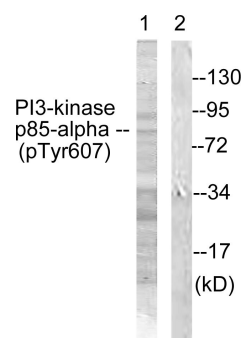
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PI3-kinase p85- α (Phospho-Tyr607) antibody.



P-peptide - +
Western blot analysis of extracts from rat kidney cells, using PI3-kinase p85- α (Phospho-Tyr607) antibody.