

#T40064

PI3-kinase p85-alpha/gamma pAb



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- 50 µl
- 100 µl
- 200 µl

DESCRIPTION

PI3Ks are a family of related intracellular signal transducer enzymes capable of phosphorylating the 3 position hydroxyl group of the inositol ring of phosphatidylinositol (PtdIns). PI 3-kinases have been linked to an extraordinarily diverse group of cellular functions, including cell growth, proliferation, differentiation, motility, survival and intracellular trafficking.

SOURCE

This Abmart polyclonal antibody is produced by immunizing rabbit with a synthesized peptide derived from human PI3-kinase p85-alpha/gamma.

STORAGE

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze/thaw cycle.

ALIASES

PI3-kinase regulatory subunit alpha, PI3K regulatory subunit alpha, PtdIns-3-kinase regulatory subunit alpha, Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha, PI3-kinase subunit p85-alpha, PtdIns-3-kinase regulatory subunit p85-alpha;PI3-kinase regulatory subunit gamma, PI3K regulatory subunit gamma, PtdIns-3-kinase regulatory subunit gamma, Phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma, PI3-kinase subunit p55-gamma, PtdIns-3-kinase regulatory subunit p55-gamma, p55PIK

REACTIVITY

Human, Mouse, Rat

ISOTYPE

Rabbit IgG

PREDICTED MOLECULAR WEIGHT

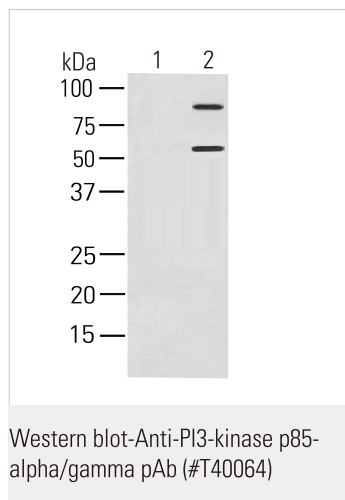
54, 83 kDa

RECOMMEND ANTIBODY DILUTIONS

Western blotting	1:500-1:2000
IHC	1:50-1:200
IF/ICC	1:100-1:500

***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

APPLICATION DATA



All lanes : PI3-kinase p85-alpha/gamma pAb

Western blot analysis of PI3-kinase p85-alpha/gamma expression in H2O2 treated COS7 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

Secondary

Goat Anti-Rabbit IgG-HRP, 5% skim milk conjugated at 1/10000 dilution

Predicted band size : 54, 83 kDa

Observed band size : 54, 83 kDa

Blocking/Dilution buffer : 1× PBS.

COMPANION PRODUCTS

- #T40060 p53 mAb
- #T40061 Phospho-p53 (S392) mAb
- #T40062 Cytochrome C mAb
- #T40063 VDAC1/Porin mAb
- #T40065 Phospho-PI3-kinase p85- alpha/gamma (Tyr467/199) pAb
- #T40066 Pan AKT mAb
- #T40067 Phospho-Akt (Ser473) mAb
- #T40068 Phospho-Akt (Thr308) pAb
- #T40069 GSK3 beta mAb
- #T40070 Phospho-GSK3 beta (Ser9) mAb
- #T40071 ERK1/2 mAb
- #T40072 Phospho-Erk1 (T202/Y204)+Erk2 (T185/Y187) mAb
- #T40073 JNK1/2/3 mAb
- #T40074 p-JNK1/2/3 (Thr183+Tyr185) pAb
- #T40075 P38 mAb
- #T40076 Phospho-p38 (Thr180/Tyr182) pAb

Applications Key: WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, CHIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

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For *in vitro* research use only and not intended for use in humans or animals.