

Anti- Phospho-Akt1 (Thr450) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100573-01	50 µl
A100573-02	100 µl

Specificity	Anti- Phospho-Akt1 (Thr450) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P31749

Other Names: AKT, AKT1 kinase, C-AKT, EC 2.7.11.1, PKB, PKB-alpha, Protein kinase B, RAC, RAC-PK-alpha, RAC-alpha serine/threonine kinase, kinase Akt1

Specificity and Sensitivity

Phospho-Akt1 (Thr450) Antibody detects endogenous levels of Akt1 only when phosphorylated at Threonine 450.

Source and Purification

A synthesized peptide derived from human Akt1 around the phosphorylation site of Threonine 450.

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: 1:50~1:200

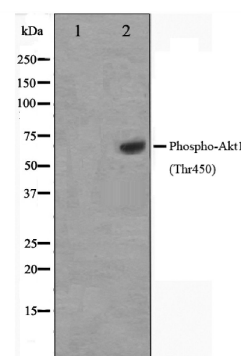
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), 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



Western blot analysis of Akt1 phosphorylation expression in PDGF treated NIH-3T3 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Related Products

PW001: Super ECL Assay kit

E030120 : HRP, Goat Anti-Rabbit IgG(H+L)

E030220 : AP, Goat Anti-Rabbit IgG(H+L)

E021010: Anti-GAPDH Mouse Monoclonal Antibody

E021020: Anti-beta Actin Mouse Monoclonal Antibody

E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP