

Anti- Akt(Phospho-Ser473)Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100431-01	50 µl
A100431-02	100 µl

Specificity	Anti- Akt(Phospho-Ser473) (human Mouse Rat)
Source	Rabbit IgG
Application	WB IHC IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P63104

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-Akt(Ser473) Antibody detects endogenous levels of Akt only when phosphorylated at Sersine 473.

Source and Purification

A synthesized peptide derived from human Akt around the phosphorylation site of Sersine 473
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: 1:500~3000 IHC: 1:50~200

IF: 1:100~1:500

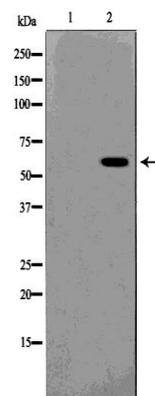
Storage Buffer

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 on 293 cell lysate using Phospho-Akt(Ser473) antibody, The lane on the left is treated with the antigen-specific peptide.