

Anti- AKT1 (Ab-308) Polyclonal Antibody



Catalog No.	Size
A200309-01	50µl
A200309-02	100µl

Specificity	Anti- AKT1 (Ab-308) (Human Mouse Rat)
Source	Rabbit Polyclonal
Application	WB ELISA
Form	Liquid, 1 mg/ml

Background Information

Swiss-Prot No.: P31749

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

Specificity and Sensitivity

AKT1 (Ab-308) antibody detects endogenous levels of total AKT1 protein.

Human (Identities = 100%, Positives = 100%);

Mouse (Identities = 100%, Positives = 100%);

Rat (Identities = 100%, Positives = 100%)

Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human AKT1 around the phosphorylation site of threonine 308 (T-M-K-T^P-F).

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 ELISA: 1:20000

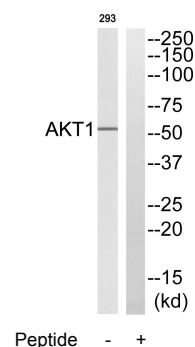
Storage Buffer

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



Western blot analysis of extracts from 293 cells, using AKT1 (Ab-308) antibody.