

Phospho-AKT1-T450 Monoclonal Antibody

CABP0980

Description

This Phospho-AKT1-T450 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP0980
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	AKT, PKB, RAC, PRKBA, PKB-ALPHA, RAC-ALPHA, Phospho-AKT1-T450
Clone:	ARC1524
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Rat

Antibody Data

Gene ID:	207
Uniprot:	AB_2863875
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	60kDa
Calculated MW:	56kDa

Preparation & Storage

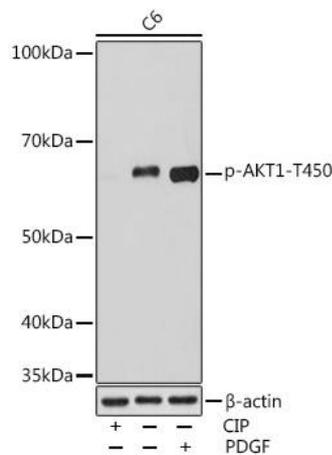
Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: C6, C6 treated with PDGF

Recommended Dilutions:	WB	1:500 - 1:2000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from cells, using Phospho-- Rabbit mAb (CABP0980) at 1:1000 dilution. cells were treated with CIP(20uL/400ul) at 37°C for 1 hour or treated with PDGF (50 ng/mL) at 37°C for 30 minutes after serum-starvation overnight Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 3min.