

Phospho-AKT1-S473 Antibody

CABP0098

Description

This Phospho-AKT1-S473 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:	CABP0098
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	AKT, PKB, RAC, PRKBA, PKB-ALPHA, RAC-ALPHA, Phospho-AKT1-S473
Clone:	-
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	207
Uniprot:	AB_2770899
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, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

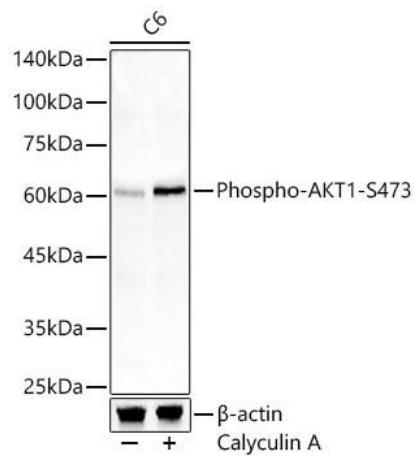
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: C6 treated with Calyculin A, Jurkat treated with Calyculin A

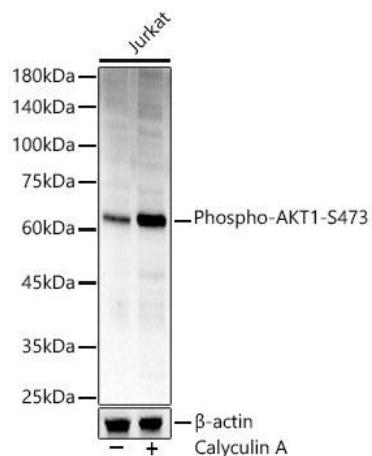
Recommended Dilutions:	WB	1:100 - 1:500
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 pAb (CABP0098) at 1:400 dilution. cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



Western blot analysis of lysates from Jurkat cells using Phospho-- Rabbit pAb (CABP0098) at 1:400 dilution. Jurkat cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.

