

Phospho-AKT1-S473+AKT2-S474+AKT3-S472 Antibody

CABP1068

Description

This Phospho-AKT1-S473+AKT2-S474+AKT3-S472 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: CABP1068
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: AKT1/AKT2/AKT3, Phospho-Akt-S473
Clone: -
Applications: **WB** | **IHC-P** | **ELISA**
Conjugation: -
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 207 208 10000
Uniprot: AB_2863940
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 60kDa
Calculated MW: 48kDa/55kDa/51kDa/54kDa

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.

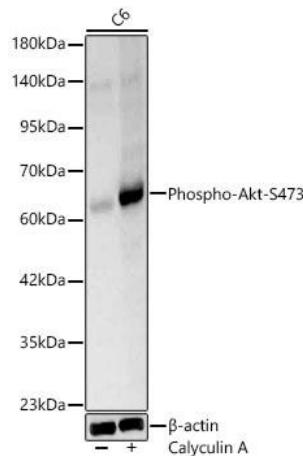
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: NIH/3T3 treated with Calyculin A, C6 treated with Calyculin A, Jurkat treated with Calyculin A

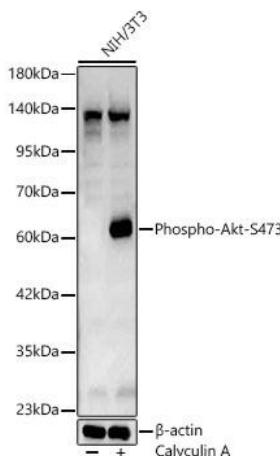
Recommended Dilutions:	WB	1:500 - 1:2000
	IHC-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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-Akt- Rabbit pAb (CABP1068) at 1:500 dilution. cells were treated with Calyculin A (100 nM) 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: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Western blot analysis of lysates from NIH/3T3 cells using Phospho-Akt- Rabbit pAb (CABP1068) at 1:500 dilution. NIH/3T3 cells were treated with Calyculin A (100 nM) 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: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45s.

