

Phospho-Akt (Thr308) Monoclonal Antibody

CABP1259

Description

This Phospho-Akt (Thr308) 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: CABP1259
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: AKT1/AKT2/AKT3, Phospho-Akt-T308
Clone: ARC50457
Applications: **WB** **ELISA**
Conjugation: Unconjugated
Reactivity: Mouse, Rat

Antibody Data

Gene ID: 207 208 10000
Uniprot: -
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 with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

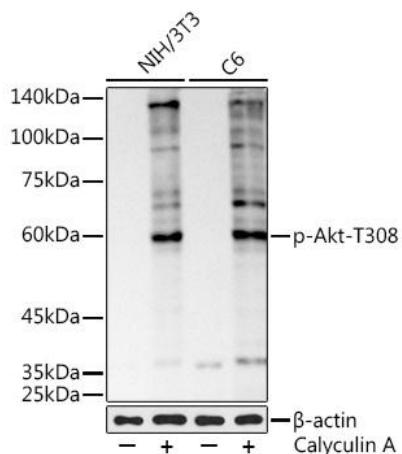
Positive Sample: NIH/3T3 treated with Calyculin A, C6 treated with Calyculin A

Recommended Dilutions:

WB	1:500 - 1:1000
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 various lysates using Phospho-Akt- Rabbit mAb (CABP1259) at 1:1000 dilution. NIH/3T3 and 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: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.