

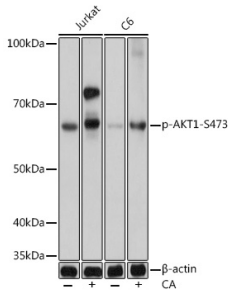
Anti-AKT1 (phospho Ser473) Antibody [ARC0169] (A80471)

Specifications:

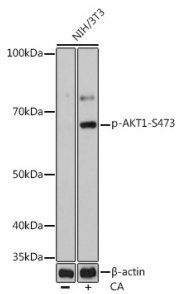
Name:	Anti-AKT1 (phospho Ser473) Antibody [ARC0169]
Description:	Rabbit monoclonal [ARC0169] antibody to AKT1 (phospho Ser473).
Applications:	WB, IHC
Recommended Dilutions:	WB: 1:500-1:2,000, IHC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic phosphorylated peptide around S473 of human Akt1 (P31749).
Sequence:	QFSYS
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	ARC0169
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	60 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol, 0.05% BSA, and 0.02% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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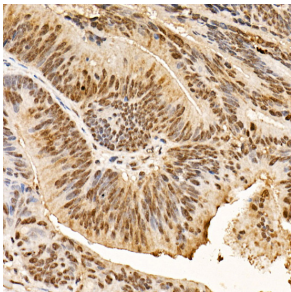
Images:



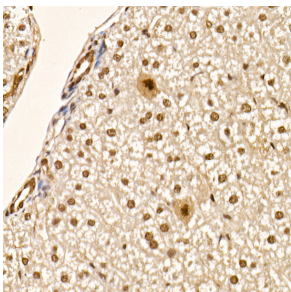
Western blot analysis of extracts of various cell lines, using Anti-AKT1 (phospho Ser473) Antibody [ARC0169] (A80471) at 1:1,000 dilution. Both Jurkat cells and C6 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of NIH/3T3 cells, using Anti-AKT1 (phospho Ser473) Antibody [ARC0169] (A80471) at 1:1,000 dilution. NIH/3T3 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Anti-AKT1 (phospho Ser473) Antibody [ARC0169] (A80471) at a dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse liver using Anti-AKT1 (phospho Ser473) Antibody [ARC0169] (A80471) at a dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.