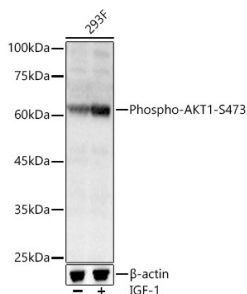


Anti-AKT1 (phospho Ser473) Antibody (A90652)

Specifications:

Name:	Anti-AKT1 (phospho Ser473) Antibody
Description:	Rabbit polyclonal antibody to AKT1 (phospho Ser473).
Applications:	WB, IHC, IP
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:200, IP: 1:50-1:100
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic phosphorylated peptide around S473 of human Akt1 (NP_005154.2).
Sequence:	QFSYS
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	62 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.05% Proclin 300.
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.

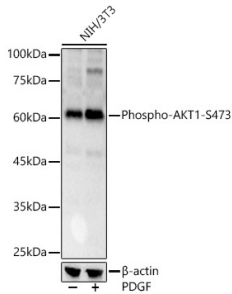
Images:



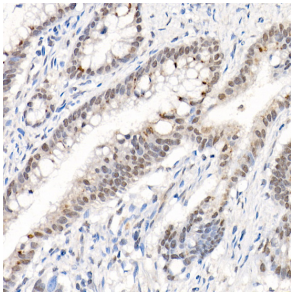
Western blot analysis of 293F, using Anti-AKT1 (phospho Ser473) Antibody (A90652) at 1:1,000 dilution. 293F cells were treated by IGF-1 (50 ng/ml) at 37°C for 5 minutes after serum-starvation overnight. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins 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.

Anti-AKT1 (phospho Ser473) Antibody (A90652)

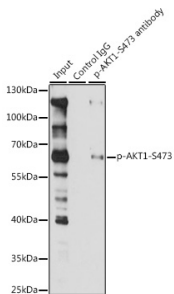
Images continued:



Western blot analysis of NIH/3T3, using Anti-AKT1 (phospho Ser473) Antibody (A90652) at 1:1,000 dilution. NIH/3T3 cells were treated by PDGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. 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.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Anti-AKT1 (phospho Ser473) Antibody (A90652) at a dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunoprecipitation analysis of 200µg extracts of Jurkat cells using 3µg of Anti-AKT1 (phospho Ser473) Antibody (A90652). This Western blot was performed on the immunoprecipitate using Anti-AKT1 (phospho Ser473) Antibody (A90652) at a dilution of 1:1000. Jurkat cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes.