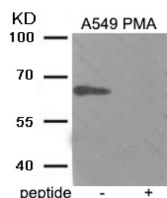


RAC-Alpha Serine/threonine-Protein Kinase Phospho-Ser129 (Akt pS129) Antibody

Catalogue No.: abx010393



Akt(pSer129)

Western blot analysis of extracts from A549 cells treated with PMA, using Akt (pS129) antibody. The lane on the right is treated with the antigen-specific peptide.

Phospho-Akt (Ser129) Antibody detects endogenous levels of Akt only when phosphorylated at Serine 129. an AGC kinase that plays a critical role in controlling the balance between survival and AP0ptosis. Phosphorylated and activated by PDK1 in the PI3 kinase pathway.

Target:	RAC-Alpha Serine/threonine-Protein Kinase Phospho-Ser129 (Akt pS129)
Clonality:	Polyclonal
Target Modification:	Ser129
Modification:	Phosphorylation
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Peptide sequence around phosphorylation site of serine129(D-N-S(p)-G-A) derived from Human Akt
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 18 Aug 2025



UniProt Primary AC: P31749 ([UniProt](#), [ExPASy](#))

Gene Symbol: AKT1

GeneID: [207](#)

OMIM: [114480](#)

HGNC: 391

KEGG: hsa:207

Ensembl: ENSG00000142208

String: [9606.ENSP00000451828](#)

Enzyme Commission Number: EC 2.7.11.1

Buffer: PBS, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.

Specificity: Detects endogenous level of Akt only when phosphorylated at serine 129

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.