

Product Name: Phospho-AKT (Ser129) Rabbit Polyclonal Antibody
Catalog #: APRab00931

Summary

Production Name	Phospho-AKT (Ser129) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	AKT1
Alternative Names	AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; PKB; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha
Gene ID	207
SwissProt ID	P31749

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 56 kDa; Observed MW: 65 kDa

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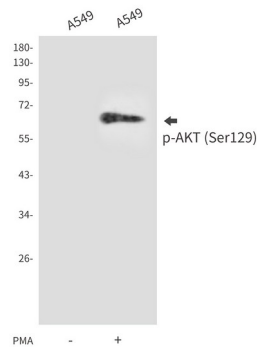
Background

Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

Research Area

Neuroscience

Image Data



Western blot analysis of Phospho-AKT (Ser129) in A549 lysates using Phospho-AKT (Ser129) antibody.

Note

For research use only.