

Product Name: AKT Rabbit Polyclonal Antibody
Catalog #: APRab03625



Summary

Production Name	AKT Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
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/AKT2/AKT3
Alternative Names	AKT1
Gene ID	207/208/10000
SwissProt ID	P31749/P31751/Q9Y243

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 56 kDa; Observed MW: 60 kDa

Background

Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated

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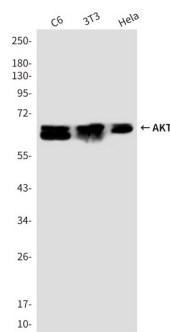


by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

Research Area

Signal Transduction

Image Data



Western blot analysis of AKT in 3T3, C6 and HeLa lysates using Akt antibody.

Note

For research use only.