

Anti-AKT Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012567

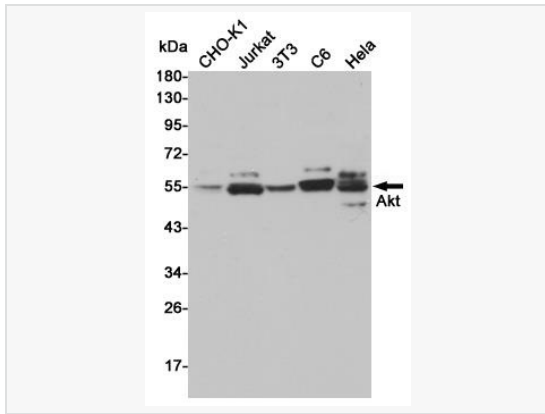
Product Information

Application	IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ELISA, ICC/IF (Cell), WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human AKT1/2/3.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-AKT antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 56 kDa; Observed MW: 60 kDa
Uniprot ID	P31749
Gene ID	207
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.

Validation Images



Western blot analysis of Akt in CHO-K1, Jurkat, 3T3, C6 and HeLa lysates using Akt antibody.