

Anti-AKT Rabbit pAb

Purified Rabbit Polyclonal Antibody

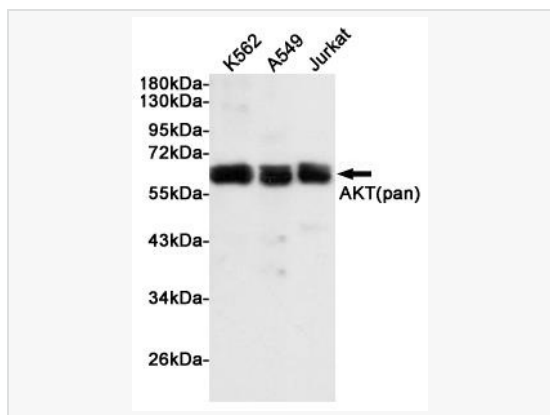
Catalog # P012479

Product Information

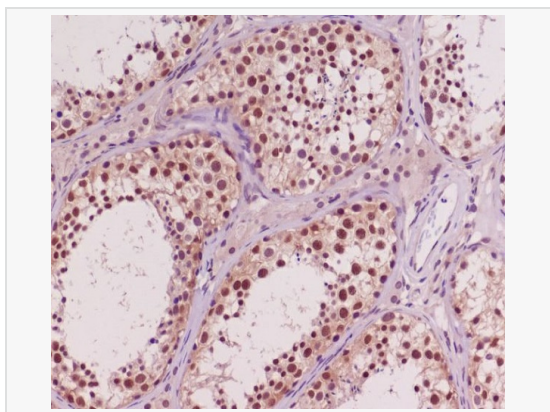
Application	FC, ELISA, WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human AKT1/2/3
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
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

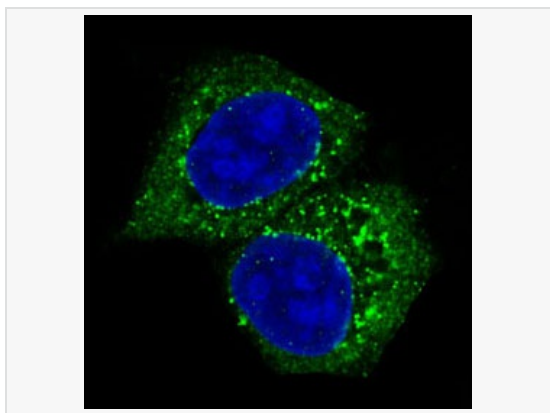
Synonyms	AKT1.
Calculated MW	Calculated MW: 56 kDa; Observed MW: 56 kDa
Uniprot ID	P31749, P31751, Q9Y243
Gene ID	207/208/10000
Background	Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and 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.



Western blot analysis of AKT in K562, A549 and Jurkat lysates using AKT antibody.



Immunohistochemistry analysis of paraffin-embedded Human testis using AKT antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of AKT in MCF-7 using AKT antibody.