

Anti-AKT Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011234

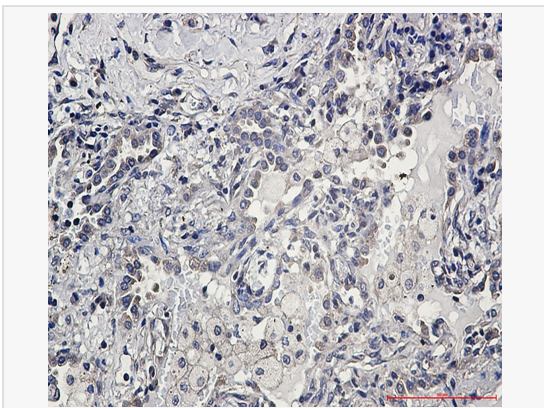
Product Information

Application	WB, IHC-F, IHC-P, ICC/IF, IP, ELISA
Reactivity	Human, Mouse, Rat, Hamster
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	69K96M86
Isotype	IgG
Target / Specificity	Recombinant protein of human AKT1/2/3
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped at 4°C. Upon delivery aliquot. Store at 4°C short term (1~2 weeks). Store at -20°C for 2 years. Avoid freeze / thaw cycles.
Precautions	Anti-AKT antibody [69K96M86] is for research use only and not for use in diagnostic or therapeutic procedures.

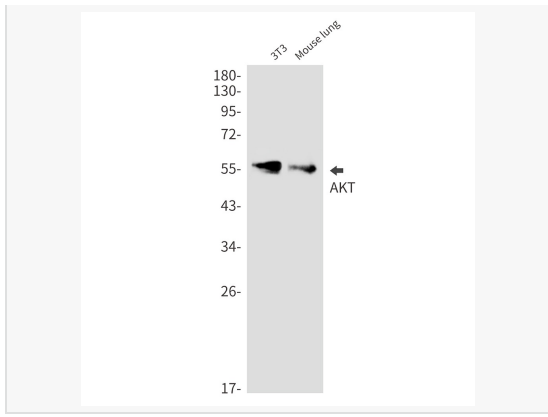
Protein Information

Other Names	AKT1.
Calculated MW	Calculated MW: 56 kDa; Observed MW: 56 kDa
Primary Accession	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.

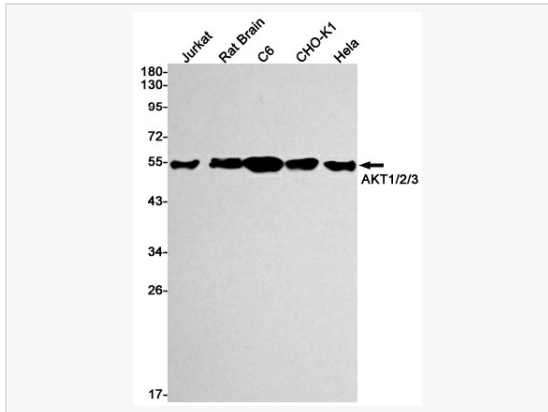
Validation Images



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using AKT1/2/3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of AKT in 3T3, mouse lung lysates using AKT antibody.



Western blot analysis of AKT1/2/3 in Jurkat, rat Brain, C6, CHO-K1, HeLa lysates using AKT antibody.