



Akt1 (phospho Tyr474) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A10458	Rabbit	1 mg/ml	60 kD

Applications	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat,Monkey
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	Phospho-Akt1 (Y474) Polyclonal Antibody detects endogenous levels of Akt1 protein only when phosphorylated at Y474.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human Akt around the phosphorylation site of Tyr474. AA range:431-480
Uniprot No	P31749
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
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	
Conjugation	
Background	AKT serine/threonine kinase 1(AKT1) Homo sapiens The serine-threonine protein kinase encoded by the AKT1 gene is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-deriv
Other	Gene_name: AKT1 ; Protein_name: RAC-alpha serine/threonine-protein kinase; Expression: Epithelium, Eye, Foreskin, Muscle, Ovary, Placenta,

Product Images

Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation



IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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