

AKT1/2/3 (Ab-315/316/312) Antibody [#B8075]

Catalog Number:	B8075
Concentration:	1mg/ml
Swiss-Prot No.:	P31749/P31751/Q9Y243
Other Names:	AKT; AKT1 kinase; C-AKT; EC 2.7.11.1; kinase Akt1; PKB; PKB-alpha; Protein kinase B; RAC; RAC-alpha serine/threonine kinase; RAC-PK-alpha
Storage/Stability:	Store at -20°C/1 year
Form of Antibody:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human AKT1/2/3 around the phosphorylation site of tyrosine 315/316/312 (P-E-Y ^P -L-A).
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity:	AKT1/2/3 (Ab-315/316/312) antibody detects endogenous levels of total AKT1/2/3 protein.
Reactivity:	Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%); Rat (Identities = 100%, Positives = 100%)
Applications:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
References:	Jones P.F., Proc. Natl. Acad. Sci. U.S.A. 88:4171-4175(1991). Matsubara A., Diabetologia 44:910-913(2001). The MGC Project Team; Genome Res. 14:2121-2127(2004).