



AKT1/3 (Ab-437/434) Antibody

E11-8076B**Catalog Number:** E11-8076B**Concentration:** 1mg/ml**Swiss-Prot No.:** P31749/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 Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human AKT1/3 around the phosphorylation site of tyrosine 437/434 (T-R-Y^P-F-D).**Purification:** The antibody was affinity-purified from

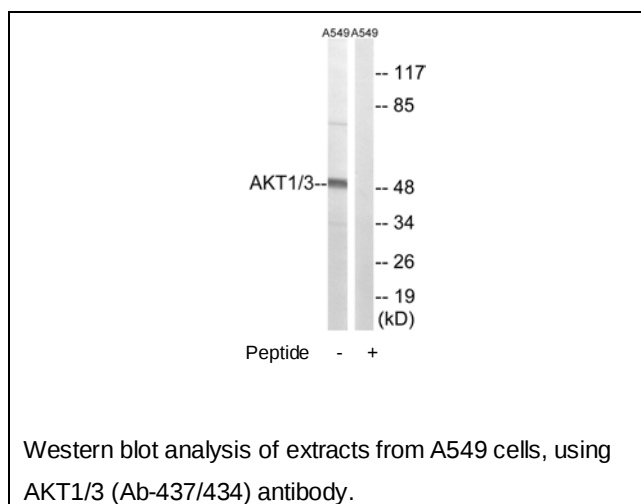
rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity: AKT1/3 (Ab-437/434) antibody detects endogenous levels of total AKT1/3 protein.**Reactivity:** Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)**Applications:** WB: 1:500~1:1000 ELISA: 1:10000**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).

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