



AKT1 (Ab-308) Antibody

E11-8483B**Catalog Number:** E11-8483B**Concentration:** 1mg/ml**Swiss-Prot No.:** P31749**Other Names:** AKT; AKT1 kinase; C-AKT; 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 around the phosphorylation site of threonine 308 (T-M-K-T^P-F).**Purification:** The antibody was affinity-purified from

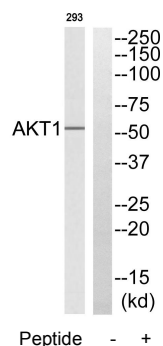
rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity: AKT1 (Ab-308) antibody detects endogenous levels of total AKT1 protein.**Reactivity:** Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)**Applications:** WB: 1:500~1:1000 ELISA: 1:20000**References:**

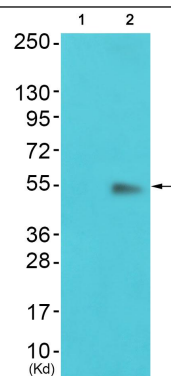
Jones P.F., Proc. Natl. Acad. Sci. U.S.A.88:4171-4175 (1991).

Matsubara A., Diabetologia 44:910-913(2001).

Ota T., Nat. Genet. 36:40-45(2004).



Western blot analysis of extracts from 293 cells, using AKT1 (Ab-308) antibody.



Western blot analysis using AKT1 (Ab-308) Antibody. Line 1: Blocking peptide; Line 2: The extracts from A549 cells.

For Research Use Only