



## Akt (Phospho-Ser473) Antibody

E11-0041A

**Catalog Number:** E11-0041A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P31749/P31751/Q9Y243

**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 Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Akt

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Specificity:** Akt (Phospho- Ser473) Antibody detects endogenous levels of Akt only when phosphorylated at Ser473.

**Reactivity:** Human

**Applications:** WB: 1:500~1:1000      ELISA: 1:1000

IHC: 1:50~1:200

**References:**

Payanigal R. Somanath, J. Biol. Chem., Jun 2007;  
10.1074.

Xiaoming Ju, PNAS, May 2007; 104: 7438 - 7443.

Brian DeBosch, Circulation, May 2006; 113: 2097 - 2104

