



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^{2+} and Ca^{2+}), 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:

Payaningal 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

