



Akt (Phospho-Ser124) Antibody

E11-0407A

Catalog Number: E11-0407A

Concentration: 1mg/ml

Swiss-Prot No.: P31749

Other Names: AKT, AKT1 kinase, C-AKT, PKB, PKB-alpha, Protein kinase B, RAC, RAC-PK-alpha, RAC-alpha serine/threonine kinase, kinase Akt1

All Sites: Human: Ser124; Mouse: Ser124; Rat: Ser124

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 phosphopeptide derived from human Akt around the phosphorylation site of serine 124 (S-G-S^P-P-S).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Akt (Phospho-Ser124) antibody detects endogenous levels of Akt only when phosphorylated at serine 124.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000

References:

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

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

Brian DeBosch, Circulation, May 2 006; 113: 2097 - 2104.

