



Akt1 S1 (Phospho-Thr246) Antibody

E11-0453A

Catalog Number: E11-0453A

Concentration: 1mg/ml

Swiss-Prot No.: Q96B36

Other Names: Akt1 substrate 1 (proline-rich), Lobe, MGC2865, PRAS40, proline-rich Akt substrate 40 kDa

All Sites: Human: Thr246; Mouse: Thr247; Rat: Thr262

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 AKT1S1 around the phosphorylation site of threonine 246 (L-N-T^P-S-D).

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: Akt1 S1 (Phospho-Thr246) antibody detects endogenous levels of AKT1S1 only when phosphorylated at threonine 246.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 ELISA: 1:10000

References:

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Bruno D. Fonseca, J. Biol. Chem., Aug 2007; 282: 24514 - 24524.

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Linglin Xie, J. Biol. Chem., Jul 2007; 10.1074/jbc.M604857200.

