



Akt (Phospho-Tyr326) Antibody

E11-0817A

Catalog Number: E11-0817A

Concentration: 1mg/ml

Swiss-Prot No.: P31749

Other Names: AKT, AKT1 kinase, C-AKT, EC 2.7.11.1, PKB, PKB-alpha, Protein kinase B, RAC, RAC-PK-alpha, RAC-alpha serine/threonine kinase, kinase Akt1

All Sites: Human: Tyr326; Mouse: Tyr326; Rat: Tyr326

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 around the phosphorylation site of tyrosine 326 (N-D-Y^P-G-R).

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-Tyr326) antibody detects endogenous levels of Akt only when phosphorylated at tyrosine 326.

Reactivity: Human, Mouse, Rat

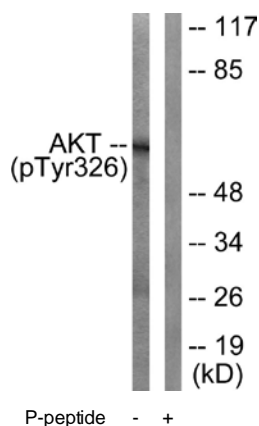
Applications: WB: 1:500~1:1000 ELISA: 1:20000

References:

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

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

Olsen J.V., Cell 127:635-648(2006).



Western blot analysis of extracts from mouse liver cells, using Akt (Phospho-Tyr326) antibody.

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