



Akt (Ab-308) Antibody

E11-0042B

Catalog Number: E11-0042B

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

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 non-phosphopeptide derived from human Akt around the phosphorylation site of threonine 308 (M-K-T^P-F-C).

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

Specificity: Akt (Ab-308) antibody detects endogenous levels of total Akt protein.

Reactivity: Human, Mouse, Rat

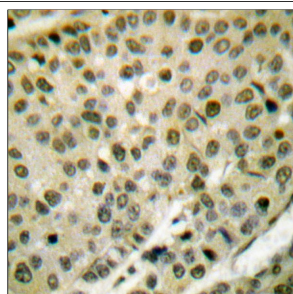
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:20000

References:

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

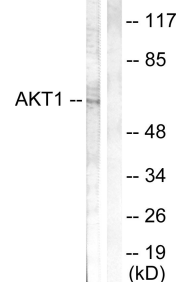
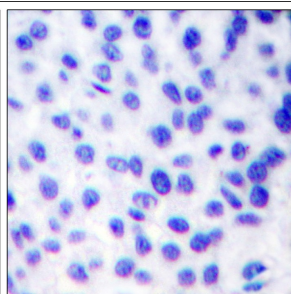
Matsubara A., *Diabetologia* 44:910-913(2001).

Coffer P.J., *Eur. J. Biochem.* 201:475-481(1991).



Peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Akt (Ab-308) antibody.



EGF + +
Peptide - +

Western blot analysis of extracts from 293 cells, treated with EGF (200ng/ml, 30mins), using Akt (Ab-308) antibody.

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