



Akt (Ab-450) Antibody

E11-0406B

Catalog Number: E11-0406B

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

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 450

(T-I-T^P-P-P).

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

Specificity: Akt (Ab-450) antibody detects endogenous levels of total Akt protein.

Reactivity: Human, Mouse, Rat

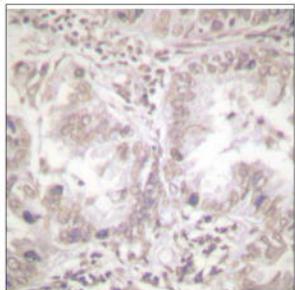
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:1000

References:

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

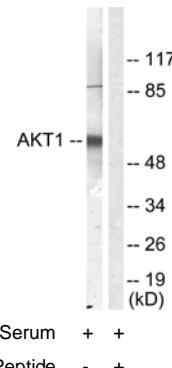
Xiaoming Ju, PNAS, May 2007; 104: 7438 - 7443.

Brian DeBosch, Circulation, May 2006; 113: 2097 - 2104.



Peptide - +

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Akt (Ab-450) antibody.



Western blot analysis of extracts from NIH/3T3 cells, treated with Serum (10%, 30mins), using Akt (Ab-450) antibody.