



Akt (Phospho-Thr450) Antibody

E11-0406A

Catalog Number: E11-0406A**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: Thr450; Mouse: Thr450; Rat: Thr450

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 AKT1 around the phosphorylation site of threonine 450 (T-I-T⁴⁵⁰-P-P).

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-Thr450) antibody detects endogenous levels of AKT1 only when phosphorylated at threonine 450.

Reactivity: Human, Mouse, Rat

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

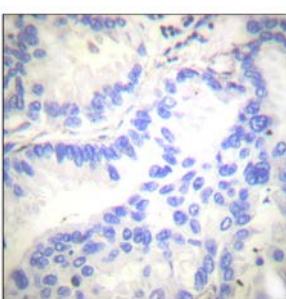
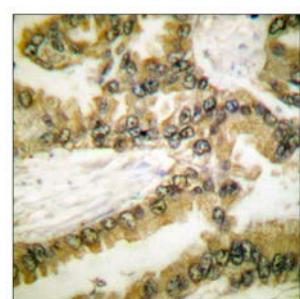
References:

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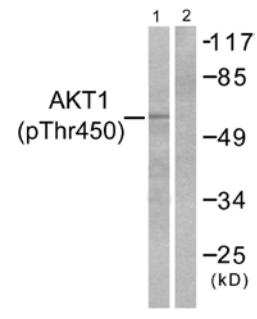


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Akt (Phospho-Thr450) antibody.



Western blot analysis of extracts from NIH/3T3 cells, treated with PDGF (50ng/ml, 20mins), using Akt (Phospho-Thr450) antibody.

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