



AKT1 (Phospho-Thr308) Antibody

E11-8483A

Catalog Number: E11-8483A**Concentration:** 1mg/ml**Swiss-Prot No.:** P31749

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

All Sites: Human: Thr308**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 308 (M-K-T^P-F-C).

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 (Phospho-Thr308) antibody detects endogenous levels of AKT1 only when phosphorylated at threon 308.

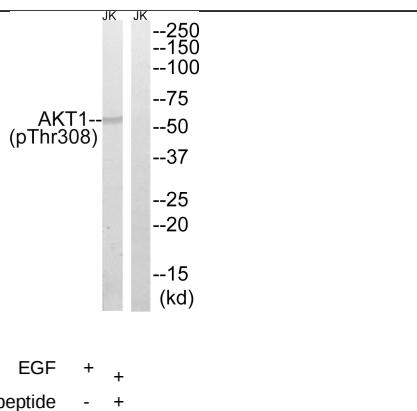
Reactivity: Human (Identities = 100%, Positives = 100%)
Mouse (Identities = 100%, Positives = 100%)

Rat (Identities = 100%, Positives = 100%)

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:40000

References:

Permutt M.A., Diabetologia 44:910-913(2001).
Noguchi M., Mol. Cell 6:395-407(2000).
Lienhard G.E., J. Biol. Chem. 277:22115-22118(2002).



Western blot analysis of extracts from Jurkat cells, treated with EGF (200ng/ml, 5mins), using AKT1 Phospho-Thr308) antibody.