



Akt (Phospho-Thr308) Antibody

E011055

Catalog Number: E011055-1, E011055-2

Amount: 50 μ g/50 μ l, 100 μ g/100 μ l

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.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized 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 phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: Akt (phospho-Thr308) antibody detects endogenous levels of Akt only when phosphorylated at threonine 308.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100-200

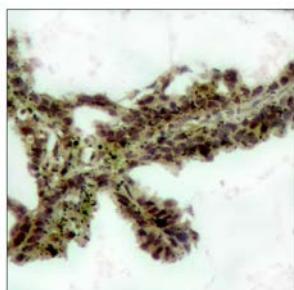
Swiss-Prot No.: P31749

References: Tremblay F, et al. (2005) Diabetes; 54(9): 2674-84.

Xu BE, et al. (2005) J Biol Chem; 280(40): 34218-23.

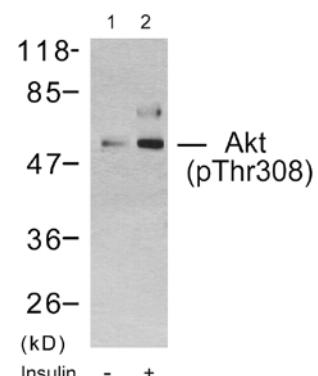
Samuels Y, et al. (2005) Cancer Cell; 7(6): 561-73.

Di Maira G, et al. (2005) Cell Death Differ; 12(6): 668-77.



P-Peptide - +

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using Akt (phospho-Thr308) antibody(E011055).



Western blot analysis using Akt (phospho-Thr308) antibody (E011055): Lane1: The extract from 293 cells untreated; Lane 2: The extract from 293 cells treated with insulin.