



Akt(Phospho-Thr308) Antibody

E11-7005A

Catalog Number: E11-7005A

Amount: 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

ELISA: 1:10000

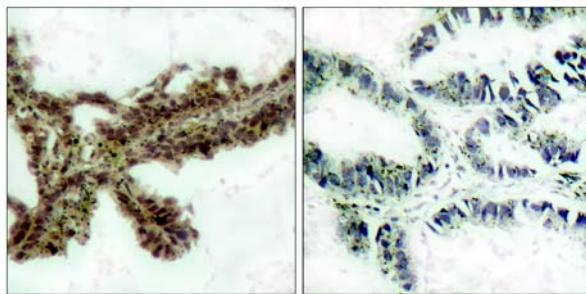
Swiss-Prot No.: P31749

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

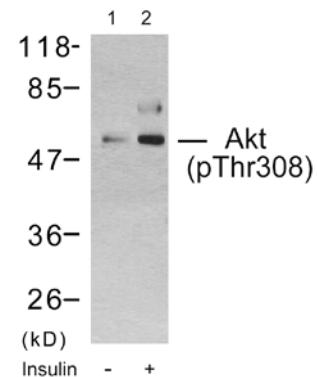
Xu BE, et al. (2005) J Biol Chem; 280(40): 34218-23.

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

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



Immunohistochemical analysis of paraffin-embedded lung carcinoma, using Akt(Phospho-Thr308) Antibody. Left: Untreated; Right: Treated with synthesized phosphopeptide.



Western blot analysis using Akt(Phospho-Thr308) Antibody: Line1: The extracts from 293 cells untreated; Line2: The extracts from 293 cells treated with insulin.