

Akt (Ab-473) Antibody

E021054

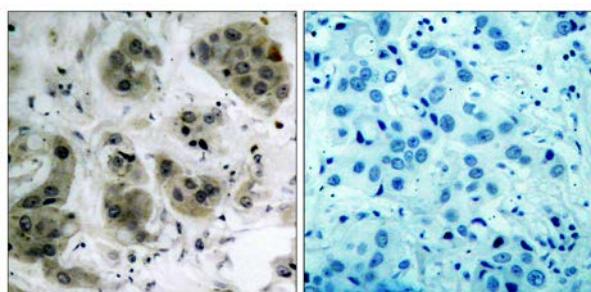
Catalog Number: E021054-1, E021054-2**Amount:** 50 μ g/50 μ l, 100 μ g/100 μ l**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human Akt around the phosphorylation site of serine 473 (Q-F-S^P-Y-S).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** Akt (Ab-473) antibody detects endogenous levels of total Akt protein.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:100~1:500 IHC: 1:50~1:100**Swiss-Prot No.:** P31749**References:** Baudhuin LM, et al. (2004) FASEB J Feb; 18(2): 341-3.

Min YH, et al. (2004) Cancer Res; 64(15): 5225-31.

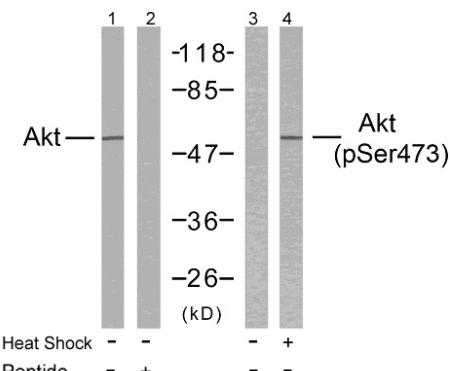
Feng J, et al. (2004) J Biol Chem; 279(34): 35510-7.

Ayala G, et al. (2004) Clin Cancer Res; 10(19): 6572-8.

Lungu AO, et al. (2004) J Biol Chem; 279(47): 48794-800.



Peptide - +
 Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using Akt (Ab-473) antibody (E021054).



Western blot analysis of extracts from HeLa cells using Akt (Ab-473) antibody (E021054, Lane 1 and 2) and Akt (phospho-Ser473) antibody (E011054, Lane 3 and 4).