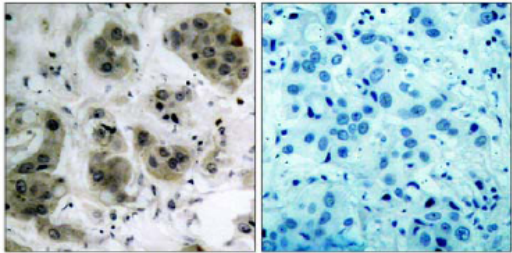


AP02595PU-N**Polyclonal Antibody to AKT1 / PKB - Aff - Purified**

Alternate names:	Akt-1, C-AKT, Protein kinase B, RAC-PK-alpha, RAC-alpha serine/threonine-protein kinase
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Uniprot ID:	P31749
NCBI:	NP_001014431.1
GeneID:	207
Host:	Rabbit
Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human Akt around the phosphorylation site of serine 473 (Q-F-SP-Y-S).
Format:	State: Liquid purified IgG Purification: Affinity-chromatography using epitope-specific immunogen Buffer System: PBS(without Mg ²⁺ and Ca ²⁺), pH 7.4 containing 150mM NaCl, 0.02% sodium azide and 50% glycerol
Applications:	Western Blot: 1:100~1:500. Immunohistochemistry: 1:50~1:100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Akt antibody detects endogenous levels of total Akt protein. Species: Human, Mouse, Rat. Other species not tested.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Baudhuin LM, et al. (2004) FASEB J Feb; 18(2): 341-3. 2. Min YH, et al. (2004) Cancer Res; 64(15): 5225-31. 3. Feng J, et al. (2004) J Biol Chem; 279(34): 35510-7. 4. Ayala G, et al. (2004) Clin Cancer Res; 10(19): 6572-8. 5. Lungu AO, et al. (2004) J Biol Chem; 279(47): 48794-800.
Pictures:	Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using Akt antibody. 

Peptide

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Western blot analysis of extracts from HeLa cells using Akt antibody (Lane 1 and 2) and Akt (pSer473) antibody (Lane 3 and 4).

