



Akt (Ab-473) Antibody

E11-0041B

Catalog Number: E11-0041B

Concentration: 1mg/ml

Swiss-Prot No.: P31749

Other Names: AKT; AKT1; AKT1 kinase; MGC99656; PKB; PKB-ALPHA; PRKBA; Protein kinase B; Proto-oncogene c-Akt; RAC; rac protein kinase alpha; RAC-ALPHA; RAC-alpha serine/threonine-protein kinase; RAC-PK-alpha; v-akt murine thymoma viral oncogene homolog 1

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 peptide derived from C-terminal of

human AKT1.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity: Akt (Ab-473) antibody detects endogenous levels of total AKT1 protein.

Reactivity: Human; Mouse; Rat

Applications: WB: 1:500~1:3000 IHC: 1:50~1:100
ELISA: 1:20000

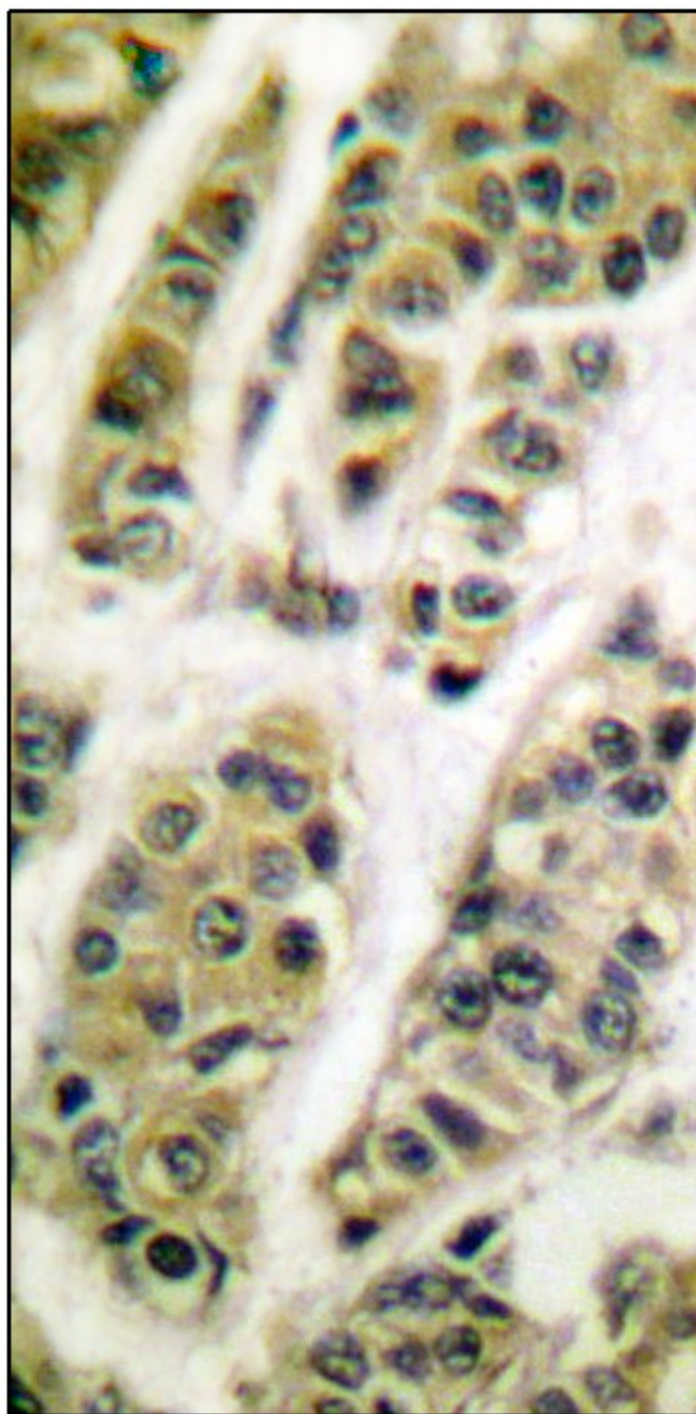
References:

[Jones P.F.](#), Proc. Natl. Acad. Sci. U.S.A. 88:4171-4175(1991).

[Matsubara A.](#), Diabetologia 44:910-913(2001).

[Goshima N.](#), Nat. Methods 5:1011-1017(2008).

For Research Use Only



Akt

3T3



--250
--150
--100

--75
--50
--37

--25
--20

--15
(kd)

Peptide

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+

For Research Use Only

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Akt (Ab-473) antibody.	Western blot analysis of extracts from 3T3 cells, using Akt (Ab-473) antibody.
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Peptide - +

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