



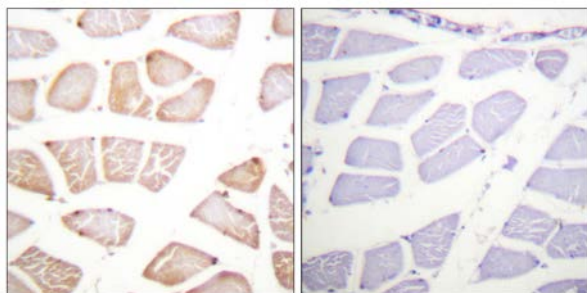
Akt (Ab-129) Antibody

E11-0609B**Catalog Number:** E11-0609B**Concentration:** 1mg/ml**Swiss-Prot No.:** P31749**Other Names:** AKT; AKT1 kinase; C-AKT; EC 2.7.11.1; kinase Akt1; PKB; PKB-alpha; Protein kinase B; RAC; RAC-alpha serine/threonine kinase; RAC-PK-alpha**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 non-phosphopeptide derived from human Akt around the phosphorylation site of serine 129 (D-N-S^P-G-A).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity:** Akt (Ab-129) antibody detects endogenous levels of total Akt protein.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:40000**References:**

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

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

The MGC Project Team; Genome Res. 14:2121-2127(2004).

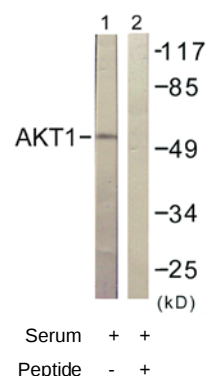


Peptide

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Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Akt (Ab-129) antibody.



Serum

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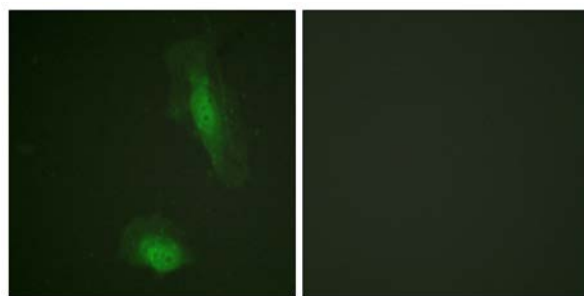
Peptide

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Western blot analysis of extracts from HuvEc cells, treated with Serum (30%, 30mins), using Akt (Ab-129) antibody.

For Research Use Only



Peptide

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Immunofluorescence analysis of HeLa cells, using Akt
(Ab-129) antibody.