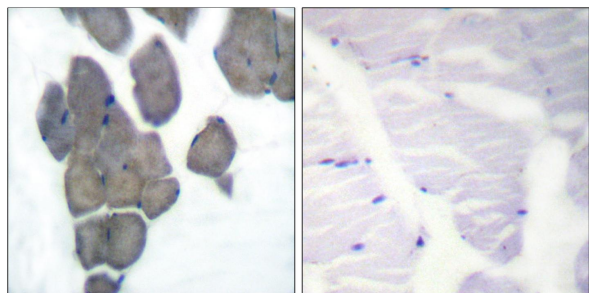




ACC1 (Phospho-Ser80) Antibody

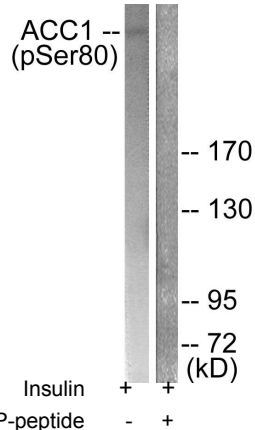
E11-0405A

- Catalog Number:** E11-0405A
- Amount:** 100µg/100µl
- Swiss-Prot No. :** Q13085
- All Names:** ACAC, ACACA, ACC-alpha, ACCA, Acetyl-CoA carboxylase 1, EC 6.3.4.14, EC 6.4.1.2
- All Sites:** Human: Ser80; Mouse: Ser79; Rat: Ser79
- 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 phosphopeptide derived from human ACC1 around the phosphorylation site of serine 79 (S-M-S^P-G-L).
- 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:** ACC1 (Phospho-Ser80) antibody detects endogenous levels of ACC1 only when phosphorylated at serine 79.
- Reactivity:** Human, Mouse, Rat
- Applications:** WB: 1:500~1:2000 IHC: 1:50~1:100 IHC: 1:50~100
ELISA: 1:10000
- References:** Naomoto Harada, Mol. Cell. Biol., Mar 2007; 27: 1881 - 1888.
Naomoto Harada, Mol. Cell. Biol., May 2007; 27: 3556.
D. A. Somers, Plant Physiology, Mar 1993; 101: 1097.
M. Joachimiak, PNAS, Sep 1997; 94: 9990.



P-peptide - +

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using ACC1 (Phospho-Ser80) antibody.



Western blot analysis of extracts from K562 cells treated with Insulin (0.01U/ml, 15mins), using ACC1 (Phospho-Ser80) antibody.

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