

ACC1 Antibody | anti-ACC1 antibody

ACC1 (Phospho-Ser80) Antibody

CATALOG # AAA110817	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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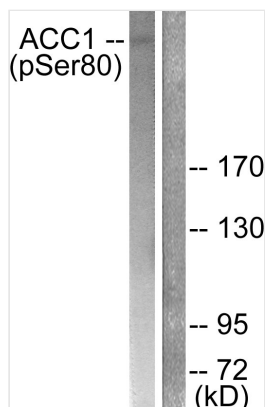
PRODUCT SYNONYMS

ACC1; ACC1 (Phospho-Ser80) Antibody; ACAC; ACACA; ACC-alpha; ACCA; Acetyl-CoA carboxylase 1; EC 6.3.4.14; EC 6.4.1.2; anti-ACC1 antibody

PRODUCT SPECIFICATIONS

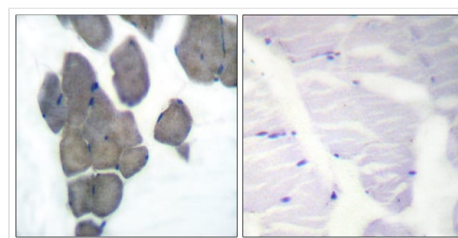
Reactivity	Human, Mouse, Rat
Specificity	ACC1 (Phospho-Ser80) antibody detects endogenous levels of ACC1 only when phosphorylated at serine 79.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2383
Applicable Applications for anti-ACC1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ACC1 around the phosphorylation site of serine 79 (S-M-SP-G-L).
All Sites	Human: Ser80 Mouse: Ser79 Rat: Ser79
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells treated with Insulin (0.01U/ml, 15mins), using ACC1 (Phospho-Ser80) antibody (#A0405).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using ACC1 (Phospho-Ser80) antibody (#A0405).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACC1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38679960
NCBI GeneID	31
NCBI Accession #	NP_942131.1
NCBI GenBank Nucleotide #	NM_198834.2
UniProt Accession #	Q13085; Q6KEV6; Q6XDA8; Q7Z2G8; Q7Z561; Q7Z563; Q7Z564; Q86WB2; Q86WB3; B2RP68
Molecular Weight	269,999 Da
NCBI Official Full Name	acetyl-CoA carboxylase 1 isoform 1
NCBI Official Synonym Full Names	acetyl-CoA carboxylase alpha
NCBI Official Symbol	ACACA
NCBI Official Synonym Symbols	ACC; ACAC; ACC1; ACCA; ACACAD
NCBI Protein Information	acetyl-CoA carboxylase 1
UniProt Protein Name	Acetyl-CoA carboxylase 1
UniProt Gene Name	ACACA
UniProt Synonym Gene Names	ACAC; ACC1; ACCA; ACC1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/acc1/110817>