

Acetyl-CoA Carboxylase Antibody | anti-ACACA antibody

Acetyl-CoA Carboxylase (Phospho-Ser80) Antibody

CATALOG # AAA267336	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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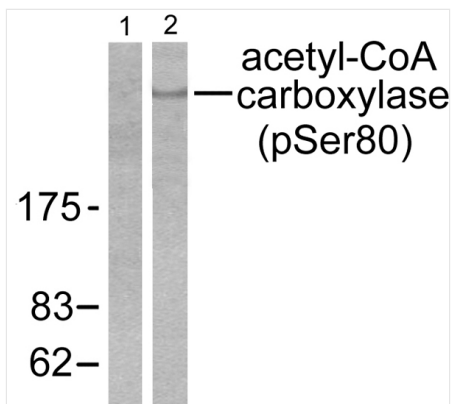
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

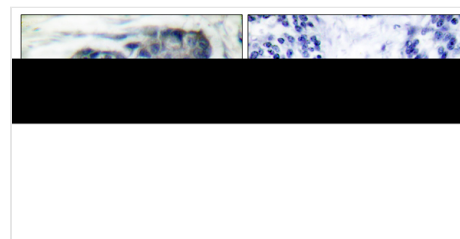
Reactivity	Human, Mouse, Rat
Specificity	Acetyl-CoA Carboxylase (phospho-Ser80) antibody detects endogenous levels of acetyl-CoA carboxylase only when phosphorylated at serine 80.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. 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-ACACA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human acetyl-CoA carboxylase around the phosphorylation site of serine 80 (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 293 cells treated with EGF (200ng/ml, 5mins), using Acetyl-CoA Carboxylase (phospho-Ser80) antibody (#A0051, Line 1 and 2).



IHC (Immunohistochemistry)

P-peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using Acetyl-CoA Carboxylase (phospho-Ser80) antibody (#A0051).

ADDITIONAL INFORMATION

References	JB Allred, J. Lipid Res., Apr 1983; 24: 449. TL Swenson and JW Porter, J. Biol. Chem., Mar 1985; 260: 3791-3797. B. A. Lent, J. Biol. Chem., Nov 1978; 253: 8149-8156. W. W. Winder, J Appl Physiol, Jan 1997; 82: 219.
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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://www.aaabiotech.com/acaca-human-mouse-rat-antibody/acetyl-coa-carboxylase/267336>