

Mouse anti-Human, Mouse ACC1 Monoclonal Antibody | anti-ACC1 antibody

ACC1 antibody

CATALOG # AAA253815	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

ACC1; Monoclonal Antibody; ACC1 antibody; Acetyl-CoA carboxylase 1 (ACC1); Acetyl-Coenzyme A carboxylase alpha (ACC-alpha); ACACA; ACAC; ACCA; anti-ACC1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	9D2
Purity/Purification	Protein A+G purification >=95% as determined by SDS-PAGE
Form/Format	Liquid PBS with 0.02% sodium azide and 50% glycerol pH7.3
Applicable Applications for anti-ACC1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	acetyl-Coenzyme A carboxylase alpha
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freeze/thaw cycles.)

IMAGES



WB (Western Blot)

various lysates were subjected to SDS PAGE followed by western blot with AAA253815(ACC1 antibody) at dilution of 1:2000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA253815(ACC1 antibody) at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-ACC1 antibody	ACACA(Acetyl-CoA carboxylase 1, ACC), also named as ACAC, ACC1 and ACCA, belongs to the biotin containing enzyme family. It catalyzes the synthesis of malonyl-CoA, which is an intermediate substrate playing a pivotal role in the regulation of fatty acid metabolism and energy production. ACACA is involved in the biosynthesis of fatty acids, and malonyl-CoA produced is used as a building block to extend the chain length of fatty acids by fatty acid synthase(FAS)(PMID:19900410). It has 4 isoforms produced by alternative promoter usage with the molecular weight between 260 kDa and 270 kDa.
Product Categories/Family for anti-ACC1 antibody	Cardiovascular; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	38679960
NCBI GeneID	31
NCBI Accession #	NP_942131.1
NCBI GenBank Nucleotide #	NM_198834.1
UniProt Accession #	Q13085; Q6KEV6; Q6XDA8; Q7Z2G8; Q7Z561; Q7Z563; Q7Z564; Q86WB2; Q86WB3; B2RP68
Molecular Weight	265,554 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; ACC-alpha; acetyl-Coenzyme A carboxylase alpha
UniProt Protein Name	Acetyl-CoA carboxylase 1
UniProt Gene Name	ACACA
UniProt Synonym Gene Names	ACAC; ACC1; ACCA; ACC1
UniProt Entry Name	ACACA_HUMAN

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/monoclonal/acc1-antibody-clone-9d2-immunohistochemistry-western-blot-elisa/253815>