

Mouse ACC Carboxylase 1 Monoclonal Antibody | anti-ACC antibody

Mouse anti-ACC Carboxylase 1 Monoclonal Antibody

CATALOG # AAA71342	HOST Mouse	APPLICATIONS Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA
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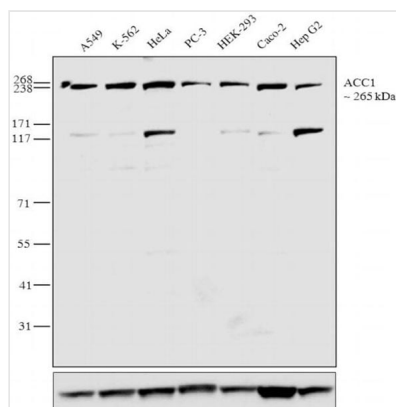
PRODUCT SYNONYMS

ACC Carboxylase 1; Monoclonal Antibody; Mouse anti-ACC Carboxylase 1 Monoclonal Antibody; Acetyl-CoA Carboxylase; ACC; anti-ACC antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	A3H
Specificity	This antibody recognizes high molecular weight of ACC 1 protein. It reacts with human, rat and mouse. The other species are not tested.
Purity/Purification	The mouse IgG is purified by IgG1 affinity purification
Form/Format	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-ACC antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Antigen Preparation	A synthetic peptide derived from C-terminus of Acetyl-CoA Carboxylase 1 protein.
Positive Control	K562
Cellular Location	Cytoplasmic
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C to 8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

The multiple cell lysate derived from the cell lines listed above were stained with Mouse Anti-ACC antibody (Cat#AAA71342) at 1:1000. The immunoreactive band around ~280 kDa was observed.

ADDITIONAL INFORMATION

Related Product Information for anti-ACC antibody	Acetyl-CoA carboxylase (ACC) is a complex multifunctional enzyme system. ACC is a biotin-containing enzyme which catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. There are two ACC forms, alpha and beta, encoded by two different genes. ACC-alpha is highly enriched in lipogenic tissues. The enzyme is under long term control at the transcriptional and translational levels and under short term regulation by the phosphorylation/dephosphorylation of targeted serine residues and by allosteric transformation by citrate or palmitoyl-CoA. Multiple alternatively spliced transcript variants divergent in the 5' sequence and encoding distinct isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	~280 kDa
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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/acc-carboxylase-1-antibody-clone-a3h-western-blot-immunoprecipitation-immunohistochemistry-elisa/71342>