
Product Name: Acetyl-Coenzyme A Carboxylase Rabbit Monoclonal Antibody**Catalog #: AMRe86998**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Acetylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:200-1:500,ICC/IF 1:100-1:200,FC 1:100-1:500
Molecular Weight	Calculated MW:277 kDa; Observed MW:277 kDa

Antigen Information

Gene Name	Acetyl Coenzyme A Carboxylase
Alternative Names	ACC; ACAC; ACC1; ACCA; ACACAD
Gene ID	31
SwissProt ID	O00763
Immunogen	A synthetic peptide of human Acetyl Coenzyme A Carboxylase

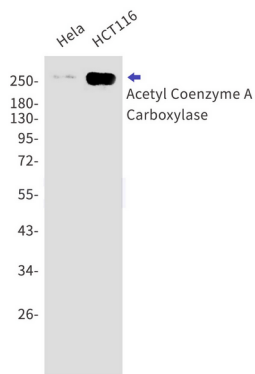
Background

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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot detection of Acetyl Coenzyme A Carboxylase in HeLa,HCT116 cell lysates using Acetyl Coenzyme A Carboxylase antibody(1:1000 diluted).