
Product Name: Acetyl-Coenzyme A Carboxylase Rabbit Monoclonal Antibody**Catalog #: AMRe85249**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
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	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
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	32.0
SwissProt ID	O00763
Immunogen	A synthetic peptide of human Acetyl Coenzyme A Carboxylase

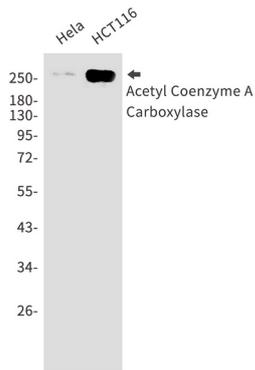
Background

Catalyzes the ATP-dependent carboxylation of acetyl-CoA to malonyl-CoA. Carries out three functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase. Involved in inhibition of fatty acid and glucose oxidation and enhancement of fat storage . May play a role in regulation of mitochondrial fatty acid oxidation through malonyl-CoA-dependent inhibition

of carnitine palmitoyltransferase 1 .

Research Area

Image Data



Western blot analysis of Acetyl Coenzyme A Carboxylase in HeLa, HCT116 lysates using Acetyl Coenzyme A Carboxylase antibody.