Product Name: Acetyl Coenzyme A Carboxylase Rabbit Monoclonal Antibody
Catalog #: AMRe01603

Summary

Production Name	Acetyl Coenzyme A Carboxylase Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	ACACB
Alternative Names	ACC; ACAC; ACC1; ACCA; ACACAD
Gene ID	32
SwissProt ID	O00763

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 277 kDa; Observed MW: 277 kDa

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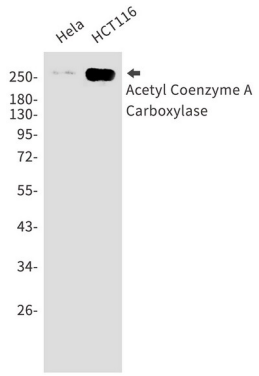
Background

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

Cell Biology

Image Data



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

Note

For research use only.