

Acetyl-CoA Carboxylase Rabbit mAb

Catalog No: #56097

Package Size: #56097-1 50ul #56097-2 100ul

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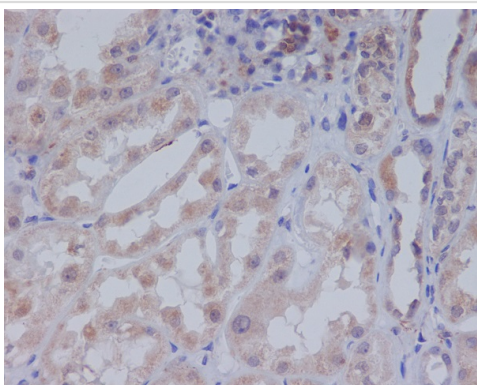
Description

Product Name	Acetyl-CoA Carboxylase Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	Acetyl-CoA Carboxylase Antibody detects endogenous levels of total Acetyl-CoA Carboxylase
Immunogen Description	A synthesized peptide derived from human Acetyl-CoA Carboxylase
Conjugates	Unconjugated
Other Names	ACAC; ACACA; ACACB; ACC; ACC-alpha; ACC1; ACC2; ACCA; ACCB; Acetyl-CoA carboxylase 1; Biotin carboxylase;
Accession No.	Uniprot:Q13085/O00763
Calculated MW	265kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:1000~1:2000IHC:1:50~1:200

Images



Immunohistochemical analysis of paraffin-embedded human kidney, using Acetyl-CoA Carboxylase Antibody.

Product Description

ACC1 a subunit of acetyl-CoA carboxylase (ACC), a multifunctional enzyme system. Catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. Acetyl-CoA carboxylase (ACC) catalyzes the pivotal step of the fatty acid synthesis pathway. The 265 kDa ACC α (ACC1) is the predominant isoform found in liver, adipocytes, and mammary gland, while the 280 kDa ACC β (ACC2) is the major isoform in

skeletal muscle and heart.

Published Papers

Chao Zhu;Junru Zhu;Quyu Duan;Yue Jiang;Hao Yin;Yonglong He;Fu Li;XiaoPeng An et al., Exploration of the lactation function of protein phosphorylation sites in goat mammary tissues by phosphoproteome analysis, , (2021)

[PMID:34583635](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.