Acetyl-CoA Carboxylase Rabbit mAb

Catalog No: #56097

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



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

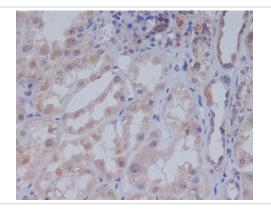
Description

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 ACCα (ACC1) is the predominant isoform found in liver, adipocytes, and mammary gland, while the 280 kDa ACCβ (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; Xiao Peng An el at., 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.