10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Acetyl-CoA Carboxylase Antibody

Rabbit mAb
Catalog # AP90578

Product Information

Application	WB, IHC
Primary Accession	Q13085/O00763
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	ACAC; ACACA; ACACB; ACC; ACC-alpha; ACC1; ACC2; ACCA; ACCB; Acetyl-CoA carboxylase 1; Biotin carboxylase;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	265 KDa

Additional Information

Dilution	WB 1:1000~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Acetyl-CoA Carboxylase
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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Images

Image not found : 202311/AP90578-wb.jpg	Western blot analysis of Acetyl-CoA Carboxylase expression in A431 cell lysate.
Image not found : 202311/AP90578-IHC.jpg	Immunohistochemical analysis of paraffin-embedded human kidney, using Acetyl-CoA Carboxylase Antibody.