Product datasheet

Anti-ACC1/ACACA Antibody (Clone#EDI-1)

Catalog Number: *BM4414*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd and 4th floors, Optics Valley Biomedical Accelerator, Wuhan East Lake High-tech Development Zone
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Basic Information

Product Name	Anti-ACC1/ACACA Antibody (Clone#EDI-1)
Gene Name	ACACA
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human Acetyl-CoA Carboxylase
Concentration	500ug/ml
Purification	Affinity-chromatography
Observed MW	266 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200

Storage

12 months from date of receipt，-20℃ as supplied.6 months 2 to 8℃ after reconstitution.Avoid repeated freezing and thawing.

Background Information

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 Alpha (ACC1) is the predominant isoform found in liver, adipocytes, and mammary gland, while the 280 kDa ACC Beta (ACC2) is the major isoform in skeletal muscle and heart.

Reference

Anti-ACC1/ACACA Antibody (Clone#EDI-1)被引用在7文献中。

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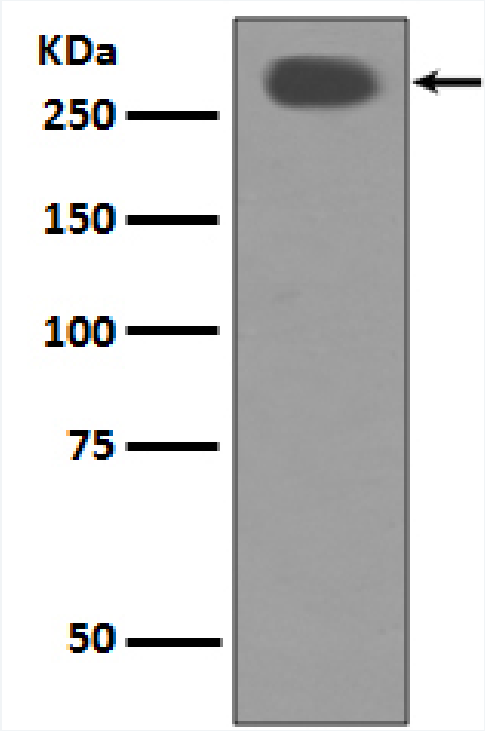
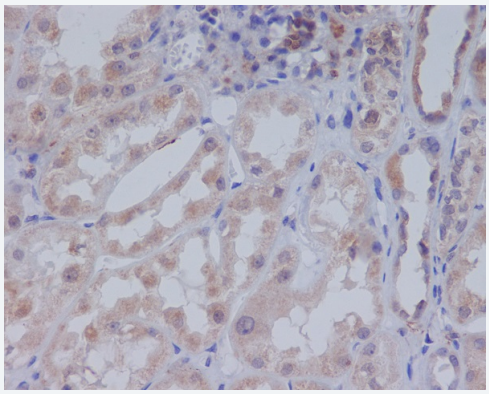
Selected Validation Data



Western blot analysis of Acetyl-CoA Carboxylase expression in A431 cell lysate.



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