

Anti-Acetyl-CoA Carboxylase Monoclonal Antibody

Catalog Number: M01802

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Overview

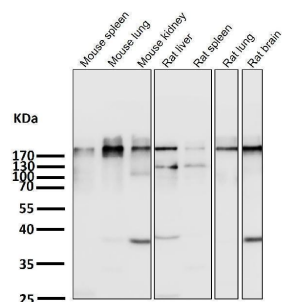
Product Name	Anti-Acetyl-CoA Carboxylase Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Acetyl-CoA Carboxylase Monoclonal Antibody catalog # M01802. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal EDI-1
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13085/O00763

Technical Details

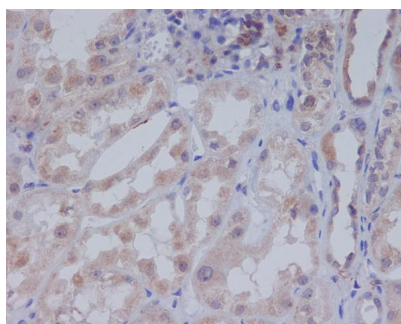
Immunogen	A synthesized peptide derived from human Acetyl-CoA Carboxylase ACC1 a subunit of acetyl-CoA carboxylase (ACC), a multifunctional enzyme system. Catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. Acetyl-CoA carboxylase (ACC) catalyzes the 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.
Isotype	Rabbit IgG
Form	Liquid

Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200

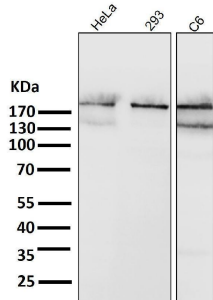
Anti-Acetyl-CoA Carboxylase Monoclonal Antibody (M01802) Images



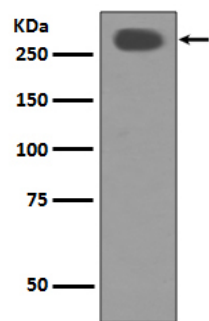
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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

1 Publications Citing This Product

1. PubMed ID: 33391420, Zhang H, Liu S, Cai Z, Dong W, Ye J, Cai Z, Han Z, Liang Y, Zhuo Y, Luo Y, Zhu X, Deng Y, Zhang Y, Liu R, Feng Y, Lai J, Zhou R, Tan H, Zhong W. Down-regulation of ACACA suppresses the malignant progression of Prostate Cancer through inhibiting mitochondrial potential. J

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Anti-Acetyl-CoA Carboxylase Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.