

bsm-61228R

[Primary Antibody]

Acetyl CoA carboxylase Recombinant Rabbit mAb

BioSS
ANTIBODIES

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DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 17C5

GeneID: 32

SWISS: Q13085

Target: Acetyl CoA carboxylase

Immunogen: A synthesized peptide derived from human Acetyl CoA carboxylase: 370-430/2346.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: 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.

Applications: WB (1:1000-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

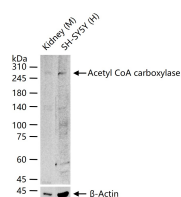
IF (1:100-500)

Reactivity: Human, Mouse, Rat

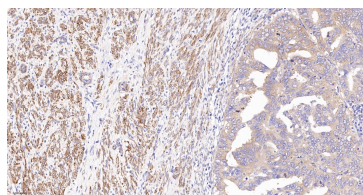
Predicted MW.: 266277

Subcellular Location: Cytoplasm

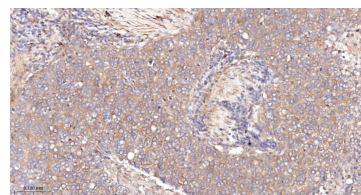
VALIDATION IMAGES



25 μ g total protein per lane of various lysates (see on figure) probed with Acetyl CoA carboxylase monoclonal antibody, unconjugated (bsm-61228R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Endometrial Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Acetyl CoA carboxylase Monoclonal Antibody, Unconjugated(bsm-61228R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Acetyl CoA carboxylase Monoclonal Antibody, Unconjugated(bsm-61228R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.