

ACSM3 Monoclonal Antibody

Catalog No: YM1003

Reactivity: Human; Mouse; Rat; Bovine; Pig

Applications: WB

Target: ACSM3

Fields: >>Butanoate metabolism;>>Metabolic pathways

Gene Name: ACSM3

Protein Name: Acyl-coenzyme A synthetase ACSM3 mitochondrial

Human Gene ld: 6296

Human Swiss Prot

No:

Mouse Gene Id: 20216

Mouse Swiss Prot

No:

Rat Gene ld: 24763

Rat Swiss Prot No: Q6SKG1

Immunogen: Purified recombinant human ACSM3 (C-terminus) protein fragments expressed

in E.coli.

Q53FZ2

Q3UNX5

Specificity: ACSM3 Monoclonal Antibody detects endogenous levels of ACSM3 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Monoclonal, Mouse

Dilution : WB 1:1000 - 1:2000. Not yet tested in other applications.

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Purification : Affinity purification

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 66kD

Cell Pathway: Butanoate metabolism;

Background: catalytic activity:ATP + an acid + CoA = AMP + diphosphate + an acyl-

CoA., caution: It is uncertain whether Met-1 or Met-9 is the

initiator.,cofactor:Magnesium.,function:Has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in vitro). Acts on acids from C(4) to C(11) and on the corresponding 3-hydroxy- and 2,3- or 3,4-unsaturated acids (in vitro).,similarity:Belongs to the ATP-dependent AMP-binding enzyme family.,

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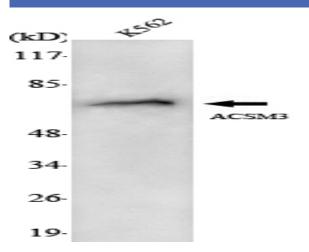
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Subcellular Location:

Mitochondrion . Mitochondrion matrix .

Expression: Kidney, Liver, Skin,

Products Images



Western Blot analysis using ACSM3 Monoclonal Antibody against K562 cell lysate.