



ACSM3 Monoclonal Antibody

Catalog No	BYab-02344
Isotype	IgG
Reactivity	Human;Mouse;Rat;Bovine;Pig
Applications	WB
Gene Name	ACSM3
Protein Name	Acyl-coenzyme A synthetase ACSM3 mitochondrial
Immunogen	Purified recombinant human ACSM3 (C-terminus) protein fragments expressed in E.coli.
Specificity	ACSM3 Monoclonal Antibody detects endogenous levels of ACSM3 protein.
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/1000 - 1/2000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACSM3; SAH; Acyl-coenzyme A synthetase ACSM3; mitochondrial; Acyl-CoA synthetase medium-chain family member 3; Butyrate--CoA ligase 3; Butyryl-coenzyme A synthetase 3; Middle-chain acyl-CoA synthetase 3; Protein SA homolog
Observed Band	
Cell Pathway	Mitochondrion . Mitochondrion matrix .
Tissue Specificity	Kidney,Liver,Skin,
Function	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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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.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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

