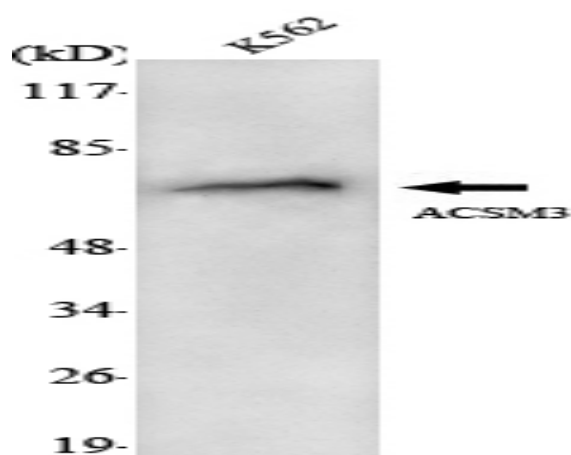


ACSM3 Monoclonal Antibody

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 Id :	6296
Human Swiss Prot No :	Q53FZ2
Mouse Gene Id :	20216
Mouse Swiss Prot No :	Q3UNX5
Rat Gene Id :	24763
Rat Swiss Prot No :	Q6SKG1
Immunogen :	Purified recombinant human ACSM3 (C-terminus) protein fragments expressed in E.coli.
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.

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 :	<p>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.,</p>
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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.