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ACSM3 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14570

Product Information

Application	WB
Primary Accession	Q53FZ2
Other Accession	NM_005622, NP_005613
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66153

Additional Information

Gene ID	6296
Alias Symbol	SA, SAH
Other Names	Acyl-coenzyme A synthetase ACSM3, mitochondrial, 6.2.1.2, 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, ACSM3, SAH
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ACSM3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ACSM3 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

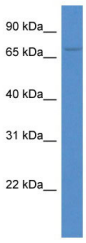
Protein Information

Name	ACSM3
Synonyms	SAH
Function	Catalyzes the activation of fatty acids by CoA to produce an acyl-CoA, the first step in fatty acid metabolism (PubMed:11772874). Capable of activating medium-chain fatty acids with a preference for isobutyrate among fatty acids with 2-6 carbon atoms (By similarity).
Cellular Location	Mitochondrion. Mitochondrion matrix {ECO:0000250|UniProtKB:Q3UNX5}

References

Iwai N.,et al.Hypertension 23:375-380(1994).
Nabika T.,et al.Hypertension 25:6-13(1995).
Loftus B.J.,et al.Genomics 60:295-308(1999).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



WB Suggested Anti-ACSM3 Antibody Titration: 1.0 µg/ml
Positive Control: PANC1 Whole Cell