

ACSM3 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14570**Specification**

ACSM3 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q53FZ2
Other Accession	NM_005622 , NP_005613
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66kDa KDa

ACSM3 antibody - C-terminal region - 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.

ACSM3 antibody - C-terminal region - 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).

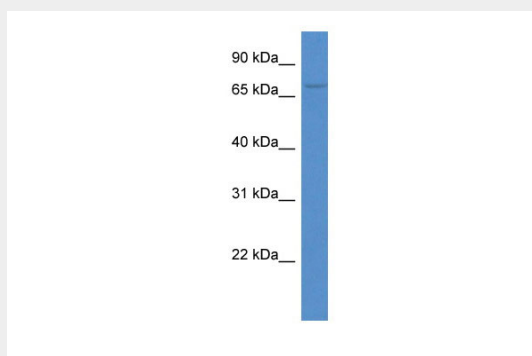
Cellular Location

Mitochondrion. Mitochondrion matrix {ECO:0000250|UniProtKB:Q3UNX5}

ACSM3 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACSM3 antibody - C-terminal region - Images

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

ACSM3 antibody - C-terminal region - 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).