

ACSM2A Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15550**Specification**

ACSM2A Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q08AH3
Other Accession	NM_001010845 , NP_001010845
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

ACSM2A Antibody - C-terminal region - Additional Information**Gene ID** 123876**Alias Symbol** A-923A4.1, ACSM2**Other Names**

Acyl-coenzyme A synthetase ACSM2A, mitochondrial, 6.2.1.2, Acyl-CoA synthetase medium-chain family member 2A, Butyrate--CoA ligase 2A, Butyryl-coenzyme A synthetase 2A, Middle-chain acyl-CoA synthetase 2A, ACSM2A, ACSM2, MACS2

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-ACSM2A 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

ACSM2A Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ACSM2A Antibody - C-terminal region - Protein Information**Name** ACSM2A**Synonyms** ACSM2, MACS2**Function**

Catalyzes the activation of fatty acids by CoA to produce an acyl-CoA, the first step in fatty acid metabolism (By similarity). Capable of activating medium-chain fatty acids (e.g. butyric (C4) to decanoic (C10) acids), and certain carboxylate-containing xenobiotics, e.g. benzoate (By

similarity).

Cellular Location

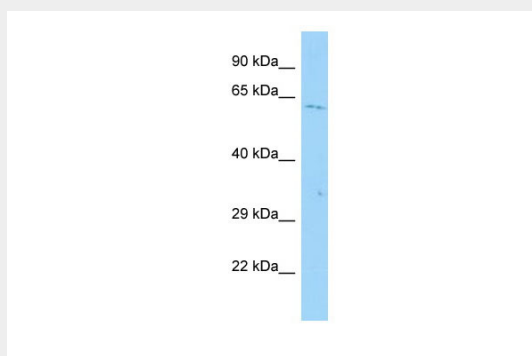
Mitochondrion {ECO:0000250|UniProtKB:Q68CK6}.

ACSM2A 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](#)

ACSM2A Antibody - C-terminal region - Images



Host: Rabbit

Target Name: ACSM2A

Sample Tissue: ACHN Whole cell lysate

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Antibody Dilution: 1.0µg/ml

ACSM2A Antibody - C-terminal region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).

Martin J., et al. Nature 432:988-994(2004).

Loftus B.J., et al. Genomics 60:295-308(1999).

Kochan G., et al. J. Mol. Biol. 388:997-1008(2009).

Iwai N., et al. Hypertension 41:1041-1046(2003).