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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).

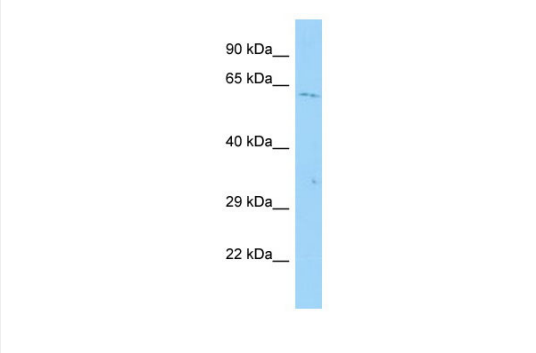
Cellular Location
Mitochondrion {ECO:0000250|UniProtKB:Q68CK6}.

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 Cytomety
- 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).