

ACSM4 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19853B**Specification**

ACSM4 Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	P0C7M7
Other Accession	Q7TN78 , Q80W40 , NP_001073923.1
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	65703
Antigen Region	548-576

ACSM4 Antibody(C-term) - Additional Information**Gene ID** 341392**Other Names**

Acyl-coenzyme A synthetase ACSM4, mitochondrial, Acyl-CoA synthetase medium-chain family member 4, ACSM4

Target/Specificity

This ACSM4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 548-576 amino acids from the C-terminal region of human ACSM4.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ACSM4 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ACSM4 Antibody(C-term) - Protein Information**Name** ACSM4

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 with a preference for C6-12 fatty acids (By similarity).

Cellular Location

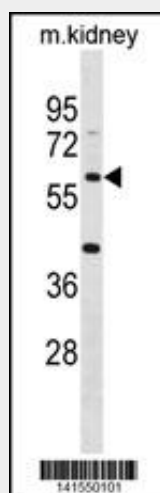
Mitochondrion {ECO:0000250|UniProtKB:Q7TN78}.

ACSM4 Antibody(C-term) - 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](#)

ACSM4 Antibody(C-term) - Images



ACSM4 Antibody (C-term) (Cat. #AP19853b) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the ACSM4 antibody detected the ACSM4 protein (arrow).

ACSM4 Antibody(C-term) - Background

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) (By similarity).

ACSM4 Antibody(C-term) - References

Watkins, P.A., et al. J. Lipid Res. 48(12):2736-2750(2007)