

Datasheet for ABIN1881045
anti-ACSM4 antibody (C-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	400 µL
Target:	ACSM4
Binding Specificity:	AA 548-576, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSM4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	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.
Clone:	RB41550
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ACSM4
Alternative Name:	ACSM4 (ACSM4 Products)

Target Details

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).

Molecular Weight: 65703

NCBI Accession: [NP_001073923](#)

UniProt: [P0C7M7](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

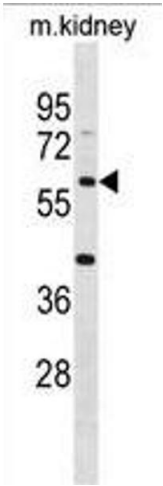
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months

Publications

Product cited in: Maeda, Inoguchi, Takei, Sawada, Sasaki, Fujii, Kobayashi, Urata, Nishiyama, Takayanagi: "Inhibition of chymase protects against diabetes-induced oxidative stress and renal dysfunction in hamsters." in: **American journal of physiology. Renal physiology**, Vol. 299, Issue 6, pp. F1328-38, (2010) ([PubMed](#)).



Western Blotting

Image 1. ACSM4 Antibody (C-term) (ABIN1881045 and ABIN2838825) western blot analysis in mouse kidney tissue lysates (35 µg/lane). This demonstrates the ACSM4 antibody detected the ACSM4 protein (arrow).