

[Go to Product page](#)

Datasheet for ABIN6294103 **anti-ACSM2A antibody**

Overview

Quantity:	50 µL
Target:	ACSM2A
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSM2A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human ACSM2A
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	ACSM2A
Alternative Name:	ACSM2A (ACSM2A Products)
Background:	<p>This gene encodes a mitochondrial acyl-coenzyme A synthetase that is specific for medium chain fatty acids. These enzymes catalyze fatty acid activation, the first step of fatty acid metabolism, through the transfer of acyl-CoA. These enzymes also participate in the glycine conjugation pathway in the detoxification of xenobiotics such as benzoate and ibuprofen.</p> <p>Expression levels of this gene in the kidney may be correlated with kidney function. This gene</p>

Target Details

	and its paralog ACSM2B (Gene ID: 348158), both present on chromosome 16, likely arose from a chromosomal duplication event.
Molecular Weight:	64.223 kDa
Gene ID:	123876
UniProt:	Q08AH3
Pathways:	Carbohydrate Homeostasis

Application Details

Application Notes:	WB 1:200 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20C. Avoid freeze / thaw cycles.