

# ACSM2A Polyclonal Antibody

Catalog No: #29342



Package Size: #29342-1 50ul #29342-2 100ul

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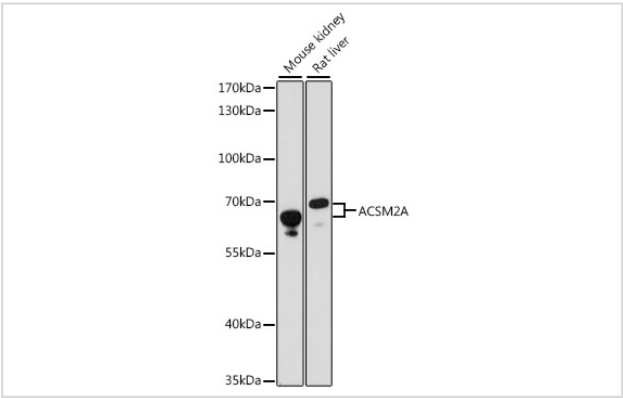
## Description

Product Name	ACSM2A Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant fusion protein of human ACSM2A (NP_001295101.1).
Other Names	ACSM2A; A-923A4.1; ACSM2; acyl-coenzyme A synthetase ACSM2A, mitochondrial
Accession No.	Swiss-Prot#:Q08AH3NCBI Gene ID:123876
Uniprot	Q08AH3
GeneID	123876;
Calculated MW	64kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB 1:200 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using ACSM2A at 1:1000 dilution.

## Background

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. Expression levels of this gene in the kidney may be correlated with kidney function. This gene and its paralog ACSM2B (Gene ID: 348158), both present on chromosome 16, likely arose from a chromosomal duplication event.

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Note: This product is for in vitro research use only