

Product Name: ACSM2A Rabbit Monoclonal Antibody**Catalog #: AMRe87016**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:50-1:100
Molecular Weight	Calculated MW:64 kDa; Observed MW:64 kDa

Antigen Information

Gene Name	ACSM2A
Alternative Names	ACSM2; A-923A4.1
Gene ID	123876
SwissProt ID	Q08AH3
Immunogen	Recombinant protein of human ACSM2A

Background

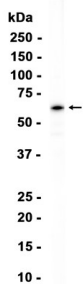
This gene encodes a mitochondrial acyl-coenzyme A synthetase that is specific for medium chain fatty acids. These enzymes catalyze fatty acid activation, the first step of fatty acid metabolism, through the transfer of acyl-CoA. These enzymes also

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. [provided by RefSeq, May 2017]

Research Area

Image Data

Human fetal kidney



Western blot analysis of extracts from Human fetal kidney tissue using ACSM2A Rabbit Monoclonal Antibody at 1:1000.