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ACSM3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58699

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q53FZ2
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66153

Additional Information

Gene ID	6296
Other Names	Acyl-coenzyme A synthetase ACSM3, mitochondrial, 6.2.1.2, Acyl-CoA synthetase medium-chain family member 3, Butyrate--CoA ligase 3, Butyryl-coenzyme A synthetase 3, Middle-chain acyl-CoA synthetase 3, Propionate--CoA ligase, 6.2.1.17, Protein SA homolog, ACSM3, SAH
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ACSM3
Synonyms	SAH
Function	Catalyzes the activation of fatty acids by CoA to produce an acyl-CoA, the first step in fatty acid metabolism (PubMed:11772874). Capable of activating medium-chain fatty acids with a preference for isobutyrate among fatty acids with 2-6 carbon atoms (By similarity).
Cellular Location	Mitochondrion. Mitochondrion matrix {ECO:0000250|UniProtKB:Q3UNX5}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.