Mouse anti-Human ACSL5 Monoclonal Antibody | anti-ACSL5 antibody

ACSL5 (Long-chain-fatty-acid-CoA Ligase 5, Long-chain acyl-CoA Synthetase 5, LACS 5, ACS5, FACL5, UNQ633/PRO1250) APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24415	**Mouse**	**Human**	**ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot**

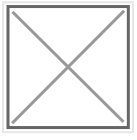
PRODUCT SYNONYMS

ACSL5; Monoclonal Antibody; ACSL5 (Long-chain-fatty-acid-CoA Ligase 5; Long-chain acyl-CoA Synthetase 5; LACS 5; ACS5; FACL5; UNQ633/PRO1250) APC; anti-ACSL5 antibody

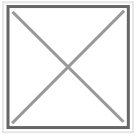
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	5H8
Specificity	Recognizes human ACSL5.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Sequence Length	739
Applicable Applications for anti-ACSL5 antibody	ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa91-187, from human ACSL5 (NP_057318, 51703) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PQPVLPLLDLNNQSVGIEGGARKGVSQKNNDLTSCCFSDAKTMYEVFQRGLAVSDNGPCLGYRKPNQPYRWLSYKQVSDRAEYLGSCLLHKGYKSS
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

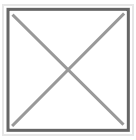
IMAGES



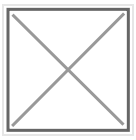
WB (Western Blot)
ACSL5 monoclonal antibody, Western Blot analysis of ACSL5 expression in HepG2.



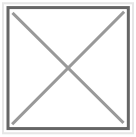
Application Data
Detection limit for recombinant GST tagged ACSL5 is ~0.1ng/ml as a capture antibody.



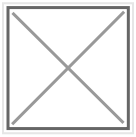
IP (Immunoprecipitation)
Immunoprecipitation of ACSL5 transfected lysate using ACSL5 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ACSL5 rabbit polyclonal antibody.



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to ACSL5 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3ug/ml].



WB (Western Blot)
Western Blot analysis of ACSL5 expression in transfected 293T cell line by ACSL5 monoclonal antibody. Lane 1: ACSL5 transfected lysate (82.3kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
Western Blot detection against Immunogen (36.67kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACSL5 antibody	Antibodies; Enzymes; Synthase
References	1. Tripodi D, Quemener S, Renaudin K, Ferron C, Malard O, Guisle-Marsollier I, Sebille-Rivain V, Verger C, Geraut C, Gratas-Rabbia-Re C.BMC Med Genomics. 2009 Nov 10;2:652. 2. Mashima T, Sato S, Sugimoto Y, Tsuruo T, Seimiya H.Oncogene. 2009 Jan 8;28(1):9-19. Epub 2008 Sep 22.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42794756
NCBI GeneID	51703
NCBI Accession #	NP_057318
NCBI GenBank Nucleotide #	NM_016234
UniProt Accession #	Q9ULC5
NCBI Official Full Name	long-chain-fatty-acid--CoA ligase 5 isoform a
NCBI Official Synonym Full Names	acyl-CoA synthetase long chain family member 5
NCBI Official Symbol	ACSL5
NCBI Official Synonym Symbols	ACS2; ACS5; FACL5
NCBI Protein Information	long-chain-fatty-acid--CoA ligase 5
UniProt Protein Name	Long-chain-fatty-acid--CoA ligase 5
UniProt Gene Name	**ACSL5**
UniProt Synonym Gene Names	ACS5; FACL5; LACS 5
UniProt Entry Name	ACSL5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/acsl5-antibody-clone-5h8-immunohistochemistry-immunoprecipitation-western-blot-elisa/24415