

Rabbit ACADM Polyclonal Antibody | anti-ACADM antibody

ACADM Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288413	Rabbit	Human, mouse (Predicted Reactivity: Monkey)	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

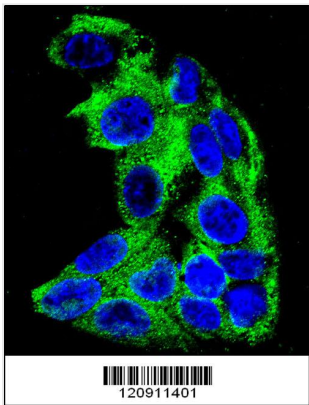
PRODUCT SYNONYMS

ACADM; Polyclonal Antibody; ACADM Antibody (Center); Medium-chain specific acyl-CoA dehydrogenase; mitochondrial; MCAD; anti-ACADM antibody

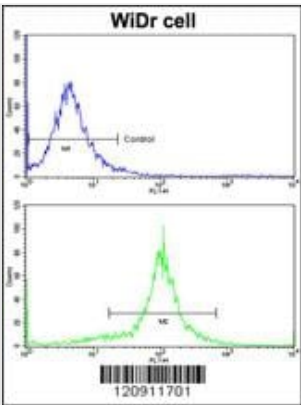
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACADM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 189-217 amino acids from the Central region of human ACADM.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	189-217
Sequence Length	425
Applicable Applications for anti-ACADM antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

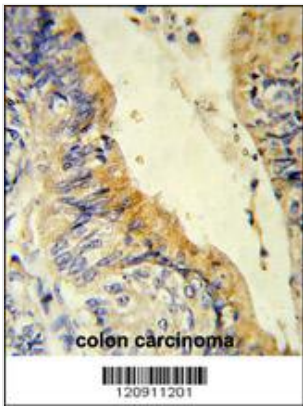
IMAGES



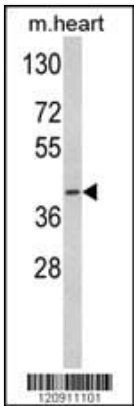
IF (Immunofluorescence)
Confocal immunofluorescent analysis of ACADM Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of wdr cells using ACADM Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma reacted with ACADM Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ACADM Antibody (Center) in mouse heart tissue lysates (35ug/lane). ACADM (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ACADM antibody	ACADM is the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway.
Product Categories/Family for anti-ACADM antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Ferreira,A.C., et.al., Genet. Mol. Res. 8 (2), 487-493 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557231
NCBI GeneID	34
NCBI Accession #	NP_000007.1; NP_001120800.1
NCBI GenBank Nucleotide #	NM_000016.5
UniProt Accession #	P11310; Q5T4U4; Q9NYF1
Molecular Weight	46588

NCBI Official Full Name	medium-chain specific acyl-CoA dehydrogenase, mitochondrial isoform a
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase, C-4 to C-12 straight chain
NCBI Official Symbol	ACADM
NCBI Official Synonym Symbols	MCAD; ACAD1; MCADH
NCBI Protein Information	medium-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	ACADM
UniProt Synonym Gene Names	MCAD
UniProt Entry Name	ACADM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/acadm-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/288413>