

Rabbit Acetyl CoA Synthetase Monoclonal Antibody | anti-ACSS2 antibody

Acetyl CoA Synthetase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312404	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot

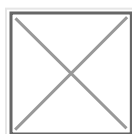
PRODUCT SYNONYMS

Acetyl CoA Synthetase; Monoclonal Antibody; Acetyl CoA Synthetase Antibody; ACAS2 antibody; AceCS antibody; Acetate CoA ligase antibody; Acetate thiokinase antibody; Acetate--CoA ligase antibody; Acetyl CoA synthetase antibody; Acetyl Coenzyme A synthetase 2 (ADP forming) antibody; Acetyl coenzyme A synthetase cytoplasmic antibody; Acetyl-CoA synthetase antibody; Acetyl-coenzyme A synthetase antibody; ACS antibody; ACSA antibody; ACSA_HUMAN antibody; ACSS2 antibody; Acyl activating enzyme antibody; Acyl CoA synthetase short chain family member 2 antibody; Acyl-activating enzyme antibody; Acyl-CoA synthetase short-chain family member 2 antibody; Cytoplasmic acetyl coenzyme A synthetase antibody; cytoplasmic antibody; MYH7B antibody; anti-ACSS2 antibody

PRODUCT SPECIFICATIONS

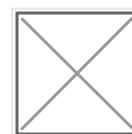
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JF0917
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ACSS2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining Acetyl CoA synthetase in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Acetyl CoA synthetase in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-ACSS2 antibody

ACSS2 (acyl-CoA synthetase short-chain family member 2), also known as ACAS2, ACS, ACSA or AceCS, is a 701 amino acid cytoplasmic protein that belongs to the ATP-dependent AMP-binding enzyme family. Existing as a monomer, ACSS2 functions to catalyze the ATP-dependent activation of acetate, a reaction that yields acetyl-CoA for use in energy generation and lipid synthesis. ACSS2 expression, which is highest in liver and kidney tissue, is regulated by the presence of unsaturated fatty acids and sterol regulatory element-binding proteins (SREBPs). Human ACSS2 exists as two alternatively spliced isoforms and shares 93% sequence identity with its mouse counterpart, suggesting a conserved role between species.

Product Categories/Family for anti-ACSS2 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	253970489
NCBI GeneID	55902
NCBI Accession #	NP_001070020.2
NCBI GenBank Nucleotide #	NM_001076552.2
UniProt Accession #	Q9NR19; Q5QPH2; Q5QPH3; Q8N238; Q96EL0; Q9NQP7; Q9UJ15; A6NE90
Molecular Weight	78,580 Da
NCBI Official Full Name	acetyl-coenzyme A synthetase, cytoplasmic isoform 2
NCBI Official Synonym Full Names	acyl-CoA synthetase short-chain family member 2
NCBI Official Symbol	ACSS2
NCBI Official Synonym Symbols	ACS; ACSA; ACAS2; ACECS; dJ1161H23.1
NCBI Protein Information	acetyl-coenzyme A synthetase, cytoplasmic; acetate thiokinase; acetate-CoA ligase; acyl-activating enzyme; cytoplasmic acetyl-coenzyme A synthetase; acetyl-Coenzyme A synthetase 2 (ADP forming)
UniProt Protein Name	Acetyl-coenzyme A synthetase, cytoplasmic
UniProt Gene Name	ACSS2
UniProt Synonym Gene Names	ACAS2; ACS; AceCS
UniProt Entry Name	ACSA_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.