

Rabbit ACSS2 Polyclonal Antibody | anti-ACSS2 antibody

ACSS2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281116	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

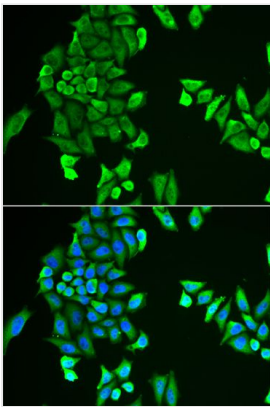
PRODUCT SYNONYMS

ACSS2; Polyclonal Antibody; ACSS2 Polyclonal Antibody; ACAS2; ACECS; ACS; ACSA; dJ1161H23.1; anti-ACSS2 antibody

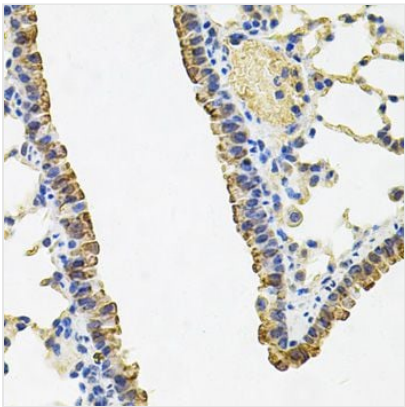
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	VDTFWQTETG GHMLTPLPGA TPMKPGSATF PFFGVAPAIL NESGEELEGE AEGYLVFKQP WPGIMRTVYG NHERFETTYF KKFPGYVVTG DGCQRDQDGY YWITGRIDDM LNVSGHLLST AEVESALVEH EAVAEAAVVG HPPVPKGECL YCFVTLCDGH TFSPKLTEEL KKQIREKIGP IATPDYIQNA PGLPKTRSGK IMRRVLRKIA QNDHDLGDMS TVADPSVISH LFSHRCLTIQ
Sequence Length	714
Applicable Applications for anti-ACSS2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ACSS2
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

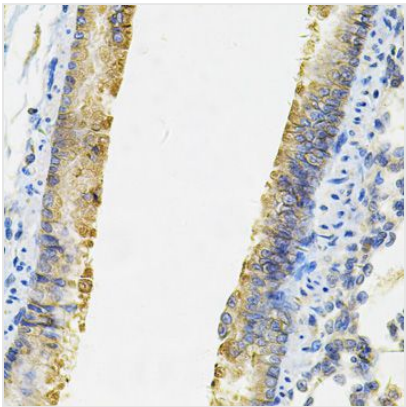
IMAGES



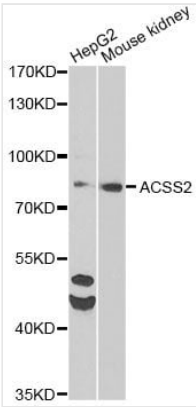
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using ACSS2 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded mouse lung using ACSS2 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat lung using ACSS2 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ACSS2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ACSS2 antibody	This gene encodes a cytosolic enzyme that catalyzes the activation of acetate for use in lipid synthesis and energy generation. The protein acts as a monomer and produces acetyl-CoA from acetate in a reaction that requires ATP. Expression of this gene is regulated by sterol regulatory element-binding proteins, transcription factors that activate genes required for the synthesis of cholesterol and unsaturated fatty acids. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-ACSS2 antibody	Polyclonal Antibodies

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	Calculated: 78kDa; 80kDa Observed: 82kDa

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
UniProt Protein Name	Acetyl-coenzyme A synthetase, cytoplasmic
UniProt Gene Name	ACSS2
UniProt Synonym Gene Names	ACAS2; ACS; AceCS

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://www.aaabiotech.com/polyclonal/acss2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281116>