

Rabbit SCD Polyclonal Antibody | anti-SCD antibody

SCD antibody - middle region

CATALOG # AAA197466	HOST Rabbit	REACTIVITY Cow, Dog, Goat, Guinea Pig, Human, Sheep	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

SCD; Polyclonal Antibody; SCD antibody - middle region; anti-SCD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Human, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: HP AVKEKGSTLD LSDLEAEKLV MFQRRYYKPG LLMMCFILPT LVPWYFWG
Sequence Length	359
Applicable Applications for anti-SCD antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Dog: 85%; Goat: 85%; Guinea Pig: 85%; Human: 100%; Mouse: 77%; Rat: 77%; Sheep: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SCD
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

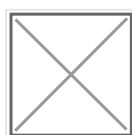
IMAGES


WB (Western Blot)

WB Suggested Anti-SCD Antibody Titration: 1.0ug/ml Positive Control: Human Liver


WB (Western Blot)

Host: Rabbit Target Name: SCD Sample Tissue: Human Jurkat Antibody Dilution: 1.0ug/ml


IHC (Immunohistochemistry)

Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-SCD antibody	This is a rabbit polyclonal antibody against SCD. It was validated on Western Blot and immunohistochemistry Target Description: Stearoyl-CoA desaturase (fatty acid desaturase, SCD) is expressed at high levels in several human tissues and is required for the biosynthesis of oleate (18:1) and palmitoleate (16:1). These monounsaturated fatty acids are the major components of phospholipids, triglycerides, wax esters, and cholesterol esters.
Product Categories/Family for anti-SCD antibody	Polyclonal ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	53759151
NCBI GeneID	6319
NCBI Accession #	NP_005054
NCBI GenBank Nucleotide #	NM_005063
UniProt Accession #	O00767
Molecular Weight	41kDa
NCBI Official Full Name	acyl-CoA desaturase
NCBI Official Synonym Full Names	stearoyl-CoA desaturase
NCBI Official Symbol	SCD
NCBI Official Synonym Symbols	SCD1; FADS5; SCDOS; hSCD1; MSTP008
NCBI Protein Information	acyl-CoA desaturase
UniProt Protein Name	Acyl-CoA desaturase
UniProt Gene Name	SCD
UniProt Synonym Gene Names	Delta-9 desaturase
UniProt Entry Name	ACOD_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/polyclonal/scd-antibody-western-blot-immunohistochemistry-elisa/197466>