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Datasheet for ABIN7143198

anti-SCD antibody (AA 10-70) (FITC)



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Over	110111
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Quantity:	100 μg
Target:	SCD
Binding Specificity:	AA 10-70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCD antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Acyl-CoA desaturase protein (10-70AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SCD
Alternative Name:	SCD (SCD Products)
Background:	Background: Stearyl-CoA desaturase that utilizes O(2) and electrons from reduced cytochrome
	b5 to introduce the first double bond into saturated fatty acyl-CoA substrates

(PubMed:15907797, PubMed:18765284). Catalyzes the insertion of a cis double bond at the delta-9 position into fatty acyl-CoA substrates including palmitoyl-CoA and stearoyl-CoA (PubMed:15907797, PubMed:18765284). Gives rise to a mixture of 16:1 and 18:1 unsaturated fatty acids (PubMed:15610069). Plays an important role in lipid biosynthesis. Plays an important role in regulating the expression of genes that are involved in lipogenesis and in regulating mitochondrial fatty acid oxidation (By similarity). Plays an important role in body energy homeostasis (By similarity). Contributes to the biosynthesis of membrane phospholipids, cholesterol esters and triglycerides (By similarity). Aliases: ACOD_HUMAN antibody, Acyl-CoA desaturase antibody, Delta(9)-desaturase antibody, Delta-9 desaturase antibody, Delta-9-Desaturase antibody, FADS5 antibody, Fatty acid desaturase antibody, PRO0998 antibody, SCD 1 antibody, SCD antibody, SCD1 antibody,

Stearoyl-CoA desaturase antibody

UniProt:

000767

Pathways:

Brown Fat Cell Differentiation

Application Details

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.