

SCD Rabbit mAb (AR1923)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse
Applications:	WB, IHC, IF, ELISA
Isotype:	IgG, Kappa
MW:	42kDa (Calculated) 37kDa (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	SCD
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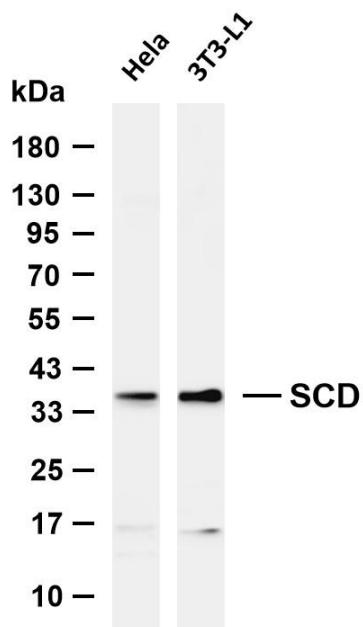
Protein Name	Acyl-CoA desaturase (Delta(9)-desaturase) (Delta-9 desaturase) (Fatty acid desaturase) (Stearoyl-CoA desaturase)
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Organism	Gene ID	UniProt ID
Human	6319	O00767

Cellular Localization	Endoplasmic reticulum membrane; Multi-pass membrane protein
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Tissue specificity	Detected in fetal liver, lung and brain. Highly expressed in adult adipose tissue, and at lower levels in adult brain and lung.
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Validation Data



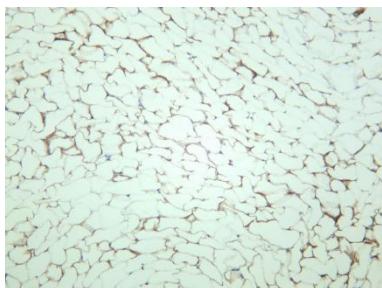
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SCD antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: HeLa

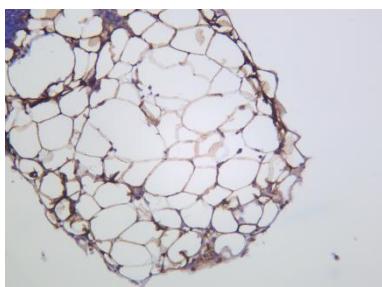
Lane 2: 3T3-L1

Predicted band size: 42kDa

Observed band size: 37kDa



Rat adipose was stained with anti-SCD Rabbit antibody.



Mouse adipose was stained with anti-SCD Rabbit antibody.

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