

SCD (PT0866R) PT® Rabbit mAb

CatalogNo: YM8635 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, IP, ELISA

MW

- 42kD (Calculated)
- 37kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal**Clone Number** PT0866R

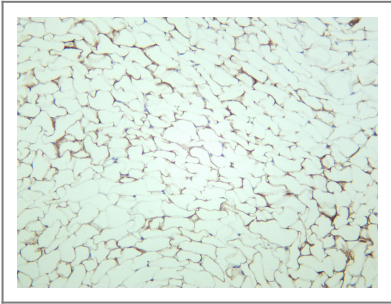
Immunogen Information

Specificity Endogenous

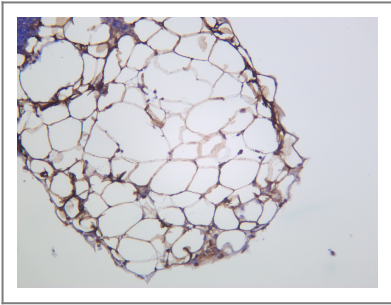
Target Information

Gene name	SCD		
Protein Name	Acyl-CoA desaturase (Delta(9)-desaturase) (Delta-9 desaturase) (Fatty acid desaturase) (Stearoyl-CoA desaturase)		
	Organism	Gene ID	UniProt ID
	Human	6319 ;	O00767 ;
Cellular Localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein .		
Tissue specificity	Detected in fetal liver, lung and brain. Highly expressed in adult adipose tissue, and at lower levels in adult brain and lung.		
Function	Catalytic activity:Stearoyl-CoA + 2 ferrocytochrome b5 + O(2) + 2 H(+) = oleoyl-CoA + 2 ferricytochrome b5 + 2 H(2)O.,cofactor:Iron.,Domain:The histidine box domains may contain the active site and/or be involved in metal ion binding.,Function:Terminal component of the liver microsomal stearyl-CoA desaturase system, that utilizes O(2) and electrons from reduced cytochrome b5 to catalyze the insertion of a double bond into a spectrum of fatty acyl-CoA substrates including palmitoyl-CoA and stearoyl-CoA.,similarity:Belongs to the fatty acid desaturase family.,		

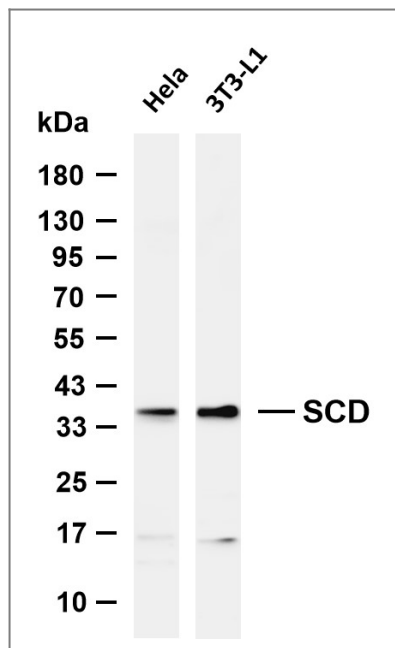
Validation Data



Rat adipose was stained with anti-SCD (PT0866R) Rabbit antibody



Mouse adipose was stained with anti-SCD (PT0866R) Rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SCD (PT0866R) 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

Contact information

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SCD (PT0866R) PT®
Rabbit mAb

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