

SCD1 RABBIT MAB

货号: N262873

产品全名: SCD1 兔单克隆抗体

基因符号 SCD1; FADS5; SCDO5; MSTP008

UNIPROT ID: O00767

背景: Stearyl-CoA desaturase that utilizes O₂ 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 stearyl-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. Plays an important role in body energy homeostasis. Contributes to the biosynthesis of membrane phospholipids, cholesterol esters and triglycerides.

抗原: Recombinant protein of human SCD1

经过测试的应用: WB,IHC-F,IHC-P,ICC/IF,IP

推荐稀释比: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

种属反应性: Rabbit

克隆性: Rabbit Monoclonal

克隆编号: R04-2K1

分子量: Calculated MW: 42 kDa; Observed MW: 37 kDa

亚型: IgG

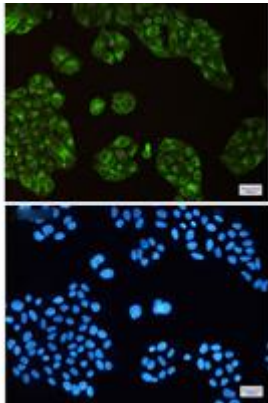
纯化: Affinity Purified

种属反应性: Human

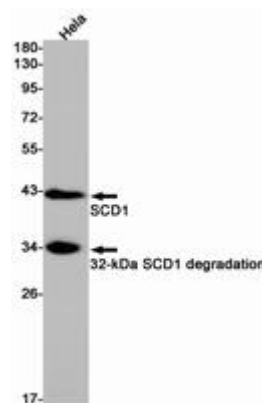
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Signal Transduction

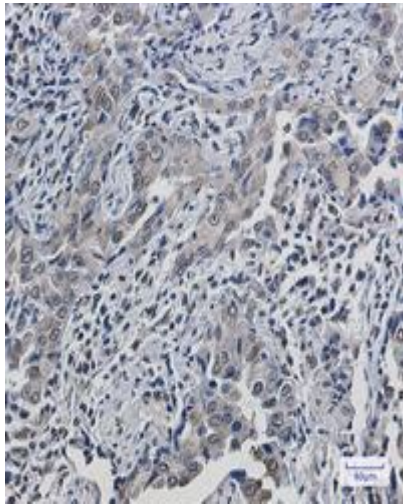
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of SCD1 (green) in HeLa using SCD1 antibody, and DAPI (blue)



Western blot analysis of SCD1 in HeLa lysates using SCD1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using SCD1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.