

SCD Antibody

Catalog No: #37896

Package Size: #37896 100ul

Description

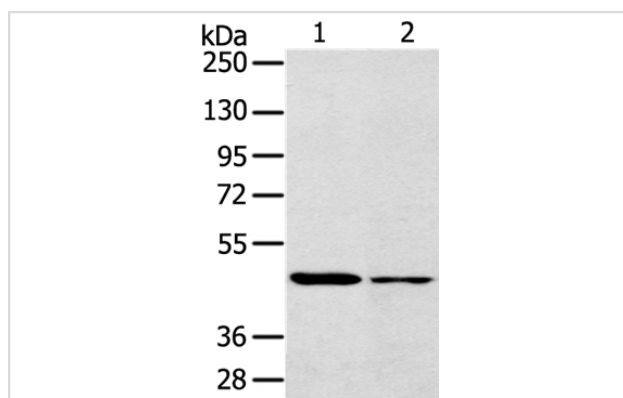
Product Name	SCD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SCD protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human stearoyl-CoA desaturase (delta-9-desaturase)
Conjugates	Unconjugated
Target Name	SCD
Other Names	SCD1; FADS5; SCDOS; MSTP008
Accession No.	Swiss-Prot#: O00767NCBI Gene ID: 6319Gene Accssion: NP_005054/O00767
SDS-PAGE MW	42kd
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

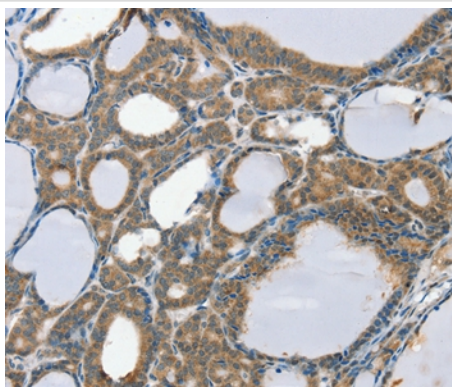
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:10-1:50

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): 293T and Iovo cell
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37896 at dilution 1/20.

Background

This gene encodes an enzyme involved in fatty acid biosynthesis, primarily the synthesis of oleic acid. Transcripts of approximately 3.9 and 5.2 kb, differing only by alternative polyadenylation signals, have been detected. A gene encoding a similar enzyme is located on chromosome 4 and a pseudogene of this gene is located on chromosome 17.

Published Papers

el at., Trichothecin inhibits invasion and metastasis of colon carcinoma associating with SCD-1-mediated metabolite alteration. In *Biochim Biophys Acta Mol Cell Biol Lipids*. On 2020 Feb; by Liao C, Li M, et al.. PMID: 31678511, , (2020)

[PMID:31678511](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.