GOAT ANTI-STEAROYL-COA DESATURASE ANTIBODY

SKU: EB07108
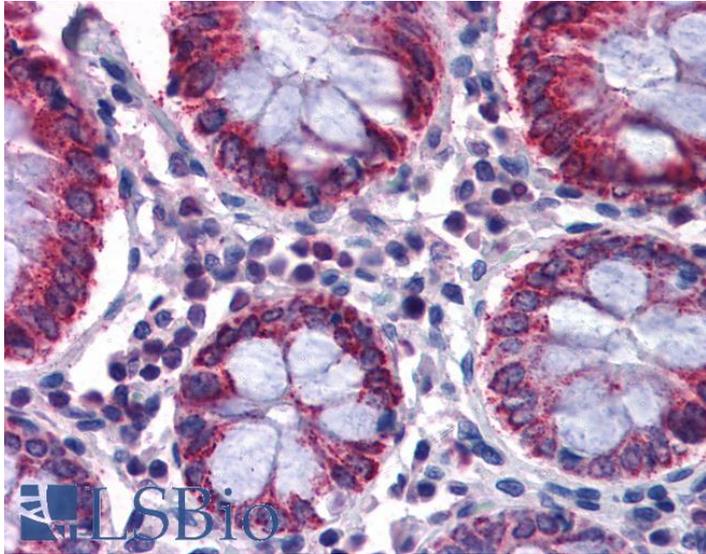
SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	stearoyl-CoA desaturase|predicted protein of HQ0998|fatty acid desaturase|delta-9-desaturase|acyl-CoA desaturase|PRO0998|FADS5|HGNC:10571|SCD1|SCD
Usage Summary	Flow Cytometry: Exclusively staining of HepG2 when mixed with Peripheral Blood Lymphocytes.
Accession ID	NP_005054.3
Blocking Peptide	EBP07108
Immunogen	Peptide with sequence C-RIKRTGDGNYKSG, from the C Terminus of the protein sequence according to NP_005054.3.
Peptide Sequence	C-RIKRTGDGNYKSG
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions	Refrigerated
Predicted Species	Human
Reactive Species	Human
Human Gene ID	6319
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Liver and Colon. Recommended concentration: 5μg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Preliminary experiments gave an approx 30kDa band in Human Adipose, Brain and Liver lysates after 0.3 μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 41.5kDa according to NP_005054.3. The 30kDa band was successfully blocked by incubation with the immunizing peptide.
Application Type	Pep-ELISA, IHC, FC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES