

Product datasheet for **AP23039PU-N**

SCD1 (SCD) (354-366) Goat Polyclonal Antibody

Product data:

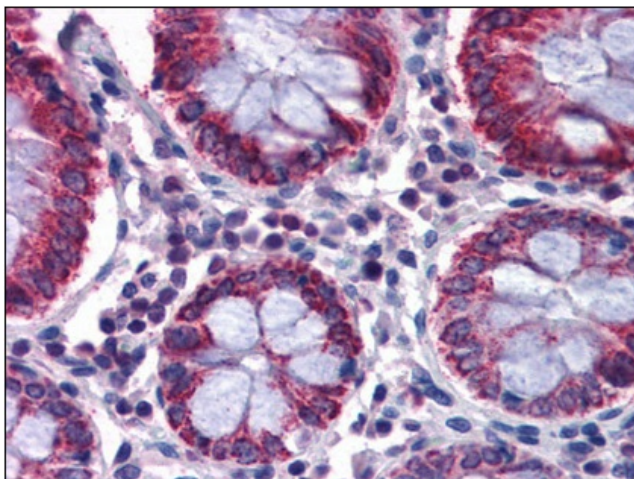
Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA: 1/64000. Immunohistochemistry on Paraffin Sections: 5 µg/ml.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from C-terminus of human SCD
Specificity:	This antibody detects SCD / SCD1 (C-term).
Formulation:	Tris saline buffer, pH 7.3 containing 0.5% BSA as stabilizer and 0.02% sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	stearoyl-CoA desaturase
Database Link:	Entrez Gene 6319 Human O00767
Background:	Terminal component of the liver microsomal stearyl-CoA desaturase system, that utilizes O ₂ and electrons from reduced cytochrome b ₅ to catalyze the insertion of a double bond into a spectrum of fatty acyl-CoA substrates including palmitoyl-CoA and stearoyl-CoA.
Synonyms:	Acyl-CoA desaturase, Fatty acid desaturase, Stearoyl-CoA desaturase
Protein Families:	Transmembrane



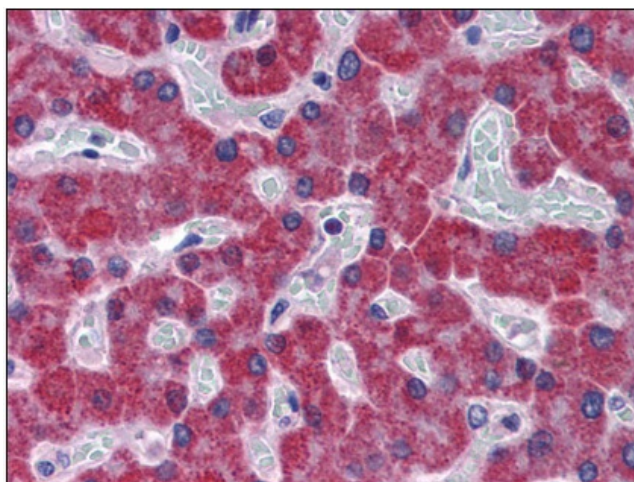
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Protein Pathways: Biosynthesis of unsaturated fatty acids, PPAR signaling pathway

Product images:



Immunohistochemistry Image: Human Colon:
Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry Image: Human Liver:
Formalin-Fixed, Paraffin-Embedded (FFPE)