

## Product datasheet for **TA331172**

### SCD1 (SCD) Rabbit Polyclonal Antibody

#### Product data:

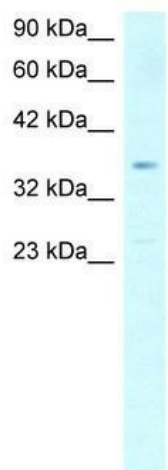
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SCD antibody: synthetic peptide directed towards the middle region of human SCD. Synthetic peptide located within the following region: HPAVKEKGSTLDLSDLEAEKLVMFQRRYYKPGLLMMCFILPTLVPWYFWG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	stearoyl-CoA desaturase
Database Link:	<a href="#">NP_005054</a> <a href="#">Entrez Gene 6319 Human</a> <a href="#">O00767</a>
Background:	Stearoyl-CoA desaturase (fatty acid desaturase, SCD) is expressed at high levels in several human tissues and is required for the biosynthesis of oleate (18:1) and palmitoleate (16:1). These monounsaturated fatty acids are the major components of phospholipids, triglycerides, wax esters, and cholesterol esters.
Synonyms:	FADS5; hSCD1; MSTP008; SCD1; SCDOS
Note:	Human: 100%; Bovine: 92%; Dog: 85%; Pig: 85%; Goat: 85%; Sheep: 85%; Guinea pig: 85%
Protein Families:	Transmembrane



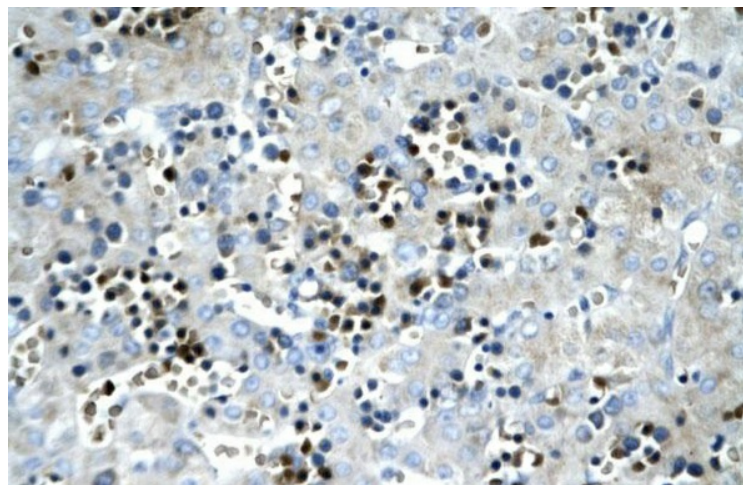
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Protein Pathways: Biosynthesis of unsaturated fatty acids, PPAR signaling pathway

**Product images:**



WB Suggested Anti-SCD Antibody Titration:  
1.0ug/ml; Positive Control: Human Liver



Human Liver