

Product datasheet for **TA358837**

SCD5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Pig, Rabbit, Rat, Sheep Homology: Cow: 93%; Dog: 92%; Guinea Pig: 79%; Horse: 92%; Human: 100%; Pig: 93%; Rabbit: 86%; Rat: 86%; Sheep: 93%
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>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	37kDa
Gene Name:	stearoyl-CoA desaturase 5
Database Link:	NP_001032671 Entrez Gene 79966 Human Q86SK9
Background:	Stearoyl-CoA desaturase is an integral membrane protein of the endoplasmic reticulum that catalyzes the formation of monounsaturated fatty acids from saturated fatty acids. SCD may be a key regulator of energy metabolism with a role in obesity and dislipidemia. Four SCD isoforms, Scd1 through Scd4, have been identified in mouse. In contrast, only 2 SCD isoforms, SCD1 and SCD5, have been identified in human. SCD1 shares about 85% amino acid identity with all 4 mouse SCD isoforms, as well as with rat Scd1 and Scd2. In contrast, SCD5 shares limited homology with the rodent SCDs and appears to be unique to primates.



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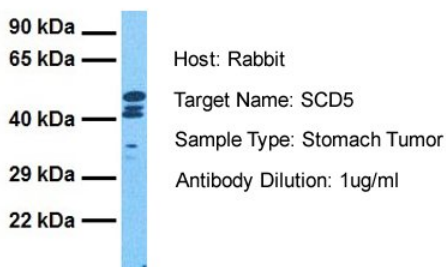
Synonyms: ACOD4; FADS4; FLJ21032; HSCD5; SCD2; SCD4

Protein Families: Transmembrane

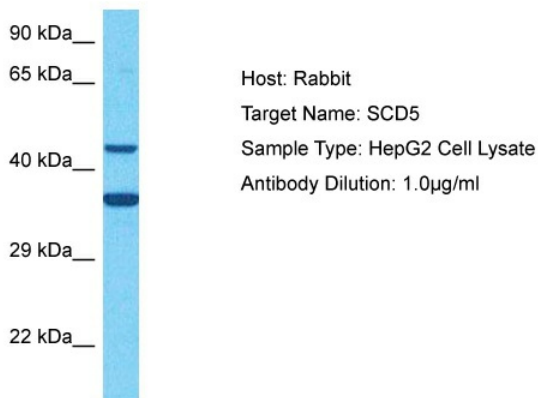
Protein Pathways: Biosynthesis of unsaturated fatty acids, PPAR signaling pathway

Product images:

SCD5



Host: Rabbit
 Target Name: SCD5
 Sample Tissue: Human Stomach Tumor
 Antibody Dilution: 1.0ug/ml



Host: Rabbit
 Target Name: SCD5
 Sample Tissue: Human HepG2 Whole Cell
 Antibody Dilution: 3ug/ml