



Anti-SCD polyclonal antibody (DPAB-DC3441)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	enzyme involved in the regulation of oleic acid synthesis in the peripheral nervous system [RGD, Feb 2006]
Specificity	This antibody recognizes a ~37 KDa SCD.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 206 of rat Scd.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Hamster, Human, Mouse, Pig, Rat
Conjugate	Unconjugated
Applications	WB (Tissue lysate),
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Scd stearoyl-CoA desaturase (delta-9-desaturase) [Rattus norvegicus (Norway rat)]
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Official Symbol	SCD
Synonyms	SCD; stearoyl-CoA desaturase (delta-9-desaturase); Scd2; acyl-CoA desaturase 2; delta-9 desaturase 2; delta(9)-desaturase 2; fatty acid desaturase 2; stearoyl-CoA desaturase 2; stearoyl-Coenzyme A desaturase 2;
Entrez Gene ID	83792
Protein Refseq	NP_114029
UniProt ID	Q6P7B9
Chromosome Location	1q54
Pathway	AMPK signaling pathway; Biosynthesis of unsaturated fatty acids; Fatty acid metabolism; PPAR signaling pathway
Function	iron ion binding; stearoyl-CoA 9-desaturase activity;
