

Datasheet for ABIN2790026
anti-SCD5 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SCD5
Binding Specificity:	C-Term
Reactivity:	Human, Rabbit, Cow, Dog, Guinea Pig, Horse, Pig, Rat, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCD5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	DYSASEFGLN FNPTTWFI DF MCWLGLATDR KRATKPMIEA RKARTGDSSA
Predicted Reactivity:	Cow: 93%, Dog: 92%, Guinea Pig: 79%, Horse: 92%, Human: 100%, Pig: 93%, Rabbit: 86%, Rat: 86%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against SCD5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SCD5
Alternative Name:	SCD5 (SCD5 Products)
Background:	Stearoyl-CoA desaturase is an integral membrane protein of the endoplasmic reticulum that

Target Details

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.

Alias Symbols: ACOD4, FADS4, FLJ21032, HSCD5, SCD2, SCD4

Protein Interaction Partner: UBC,

Protein Size: 330

Molecular Weight: 37 kDa

Gene ID: 79966

NCBI Accession: [NM_001037582](#), [NP_001032671](#)

UniProt: [Q86SK9](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 330 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

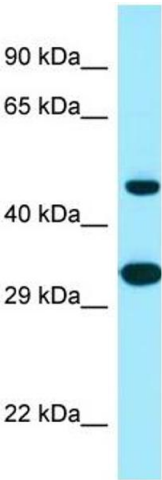
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

Handling

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.