

Datasheet for ABIN2782001
anti-SC5DL antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SC5DL
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SC5DL antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SC5DL
Sequence:	NQVRREIKFT VQALPWISIL TVALFLLEIR GYSKLHDDLGEFPYGLFELV
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SC5DL. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SC5DL
Alternative Name:	SC5DL (SC5DL Products)

Target Details

Background:	<p>SC5DL catalyzes a dehydrogenation to introduce C5-6 double bond into lathosterol. This gene encodes an enzyme of cholesterol biosynthesis. The encoded protein catalyzes the conversion of lathosterol into 7-dehydrocholesterol. Mutations in this gene have been associated with lathosterolosis. Alternatively spliced transcript variants encoding the same protein have been described.</p> <p>Alias Symbols: ERG3, S5DES, SC5D, SC5DL</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 299</p>
-------------	--

Molecular Weight:	35 kDa
-------------------	--------

Gene ID:	6309
----------	------

NCBI Accession:	NM_001024956 , NP_001020127
-----------------	---

UniProt:	O75845
----------	------------------------

Application Details

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

Comment:	Antigen size: 299 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 aliquots to prevent freeze-thaw cycles.
------------------	---



Western Blotting

Image 1. WB Suggested Anti-SC5DL Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: COLO205 cell lysate