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## Datasheet for ABIN2782001 anti-SC5DL antibody (N-Term)

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 GYSKLHDDLG EFPYGLFELV
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)

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### Target Details

Background:	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.
	Alias Symbols: ERG3, S5DES, SC5D, SC5DL
	Protein Interaction Partner: UBC,
	Protein Size: 299
Molecular Weight:	35 kDa
Gene ID:	6309
NCBI Accession:	NM_001024956, NP_001020127
UniProt:	075845

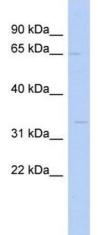
### Application Details

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.

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#### Western Blotting

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

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