

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



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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 TVALFLLLEIR GYSKLDHDDLGEFPYGLFELV
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: 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: [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