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Datasheet for ABIN7119463  
**anti-SREBF chaperone antibody**

### Overview

Quantity:	100 µg
Target:	SREBF chaperone (SCAP)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SREBF chaperone antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	SREBF chaperone
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	SREBF chaperone (SCAP)
Alternative Name:	SCAP ( <a href="#">SCAP Products</a> )
Background:	Synonyms:KIAA0199 Background:Escort protein required for cholesterol as well as lipid homeostasis. Regulates export of the SCAP/SREBF complex from the ER upon low cholesterol. Formation of a ternary complex with INSIG at high sterol concentrations leads to masking of an ER-export signal in SCAP and retention of the complex in the ER. Low sterol concentrations

## Target Details

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trigger release of INSIG, a conformational change in the SSC domain of SCAP, unmasking of the ER export signal, recruitment into COPII-coated vesicles, transport to the Golgi complex, proteolytic cleavage of SREBF in the Golgi, release of the transcription factor fragment of SREBF from the membrane, its import into the nucleus and up-regulation of LDLR, INSIG1 and the mevalonate pathway(By similarity).SCAP has 4 isoforms with MW 140, 98, 96 and 85 kDa (refer to UniProt: Q12770).

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Molecular Weight: 140 kDa,96 kDa

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Gene ID: 22937

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UniProt: [Q12770](#)

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Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:20-1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months