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Datasheet for ABIN914412

anti-SREBF chaperone antibody (AA 251-350) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	SREBF chaperone (SCAP)
Binding Specificity:	AA 251-350
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SREBF chaperone antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SCAP
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SREBF chaperone (SCAP)
Alternative Name:	SCAP/SREBF chaperone protein (SCAP Products)

Target Details

Background: Synonyms: KIAA0199, SCAP, SCAP_HUMAN, SREBF chaperone, SREBF chaperone protein, SREBP cleavage activating protein, SREBP cleavage-activating protein, Sterol regulatory element binding protein cleavage-activating protein, Sterol regulatory element-binding protein cleavage-activating protein.

Background: SCAP is an escort protein required for cholesterol and lipid homeostasis. Cholesterol homeostasis in animal cells is achieved by regulated cleavage of SREBPs, membrane-bound transcription factors. SCAP forms a complex with SREBPs in order to release the active domains of SREBPs.

Gene ID: 22937

UniProt: [Q12770](#)

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

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months