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anti-SCARB1 antibody (N-Term)





Publication



Go to Product page

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Quantity:	100 μL
Target:	SCARB1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Guinea Pig, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCARB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	LEYRTFQFQP SKSHGSESDY IVMPNILVLG AAVMMENKPM TLKLIMTLAF
Predicted Reactivity:	Cow: 79%, Dog: 86%, Guinea Pig: 79%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against SCARB1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SCARB1
Alternative Name:	SCARB1 (SCARB1 Products)
Background:	The protein encoded by this gene is a plasma membrane receptor for high density lipoprotein cholesterol (HDL). The encoded protein mediates cholesterol transfer to and from HDL. In

	addition, this protein is a receptor for hepatitis C virus glycoprotein E2. Two transcript variants	
	encoding different isoforms have been found for this gene.	
	Alias Symbols: CD36L1, CLA-1, CLA1, MGC138242, SR-BI, SRB1, HDLQTL6	
	Protein Interaction Partner: KRTAP10-9, KRTAP5-9, UBC, FBX06, CAND1, CUL1, APOA2, APOA1,	
	PDZK1, PEX5, APOE,	
	Protein Size: 506	
Molecular Weight:	56 kDa	
Gene ID:	949	
NCBI Accession:	NM_001082959, NP_001076428	
UniProt:	F8W8N0	

Protein Interactome

Cellular Response to Molecule of Bacterial Origin, Hepatitis C, Lipid Metabolism, SARS-CoV-2

Application Details

Pathways:

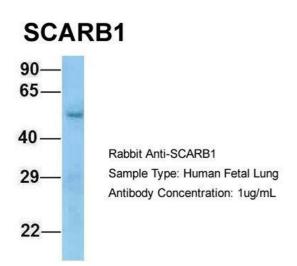
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 506 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) 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.	

Publications

Product cited in:

loki, Wu, Takayama, Motohashi, Wakai, Funahashi: "A phosphodiesterase type-5 inhibitor, sildenafil, induces sperm capacitation and penetration into porcine oocytes in a chemically defined medium." in: **Theriogenology**, Vol. 85, Issue 3, pp. 428-33, (2016) (PubMed).

Images



Western Blotting

Image 1. Host: Rabbit

Target Name: SCARB1

Sample Tissue: Human Fetal Lung

Antibody Dilution: 1.0 µg/mL