



Datasheet for ABIN1881777
anti-SCARB1 antibody (N-Term)



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Overview

Quantity:	400 µL
Target:	SCARB1
Binding Specificity:	AA 72-101, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCARB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SCARB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human SCARB1.
Clone:	RB41754
Isotype:	Ig Fraction
Predicted Reactivity:	Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SCARB1
Alternative Name:	SCARB1 (SCARB1 Products)

Target Details

Background:	Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells. Probable receptor for HDL, located in particular region of the plasma membrane, called caveolae. Facilitates the flux of free and esterified cholesterol between the cell surface and extracellular donors and acceptors, such as HDL and to a lesser extent, apoB-containing lipoproteins and modified lipoproteins. Probably involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity. Receptor for hepatitis C virus glycoprotein E2. Binding between SCARB1 and E2 was found to be independent of the genotype of the viral isolate. Plays an important role in the uptake of HDL cholesteryl ester (By similarity).
Molecular Weight:	60878
NCBI Accession:	NP_005496
UniProt:	Q8WTV0
Pathways:	Cellular Response to Molecule of Bacterial Origin , Hepatitis C , Lipid Metabolism , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

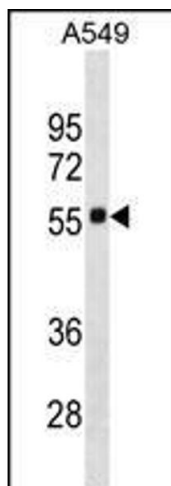
Publications

Product cited in:	Akpa, Oyejola: "Modeling the transmission dynamics of HIV/AIDS epidemics: an introduction and a review." in: Journal of infection in developing countries , Vol. 4, Issue 10, pp. 597-608, (
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2010) ([PubMed](#)).

Kladney, Cardiff, Kwiatkowski, Chiang, Weber, Arbeit, Lu: "Tuberous sclerosis complex 1: an epithelial tumor suppressor essential to prevent spontaneous prostate cancer in aged mice." in:

Cancer research, Vol. 70, Issue 21, pp. 8937-47, (2010) ([PubMed](#)).



Western Blotting

Image 1. SCARB1 Antibody (N-term) (ABIN1881777 and ABIN2838683) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the SCARB1 antibody detected the SCARB1 protein (arrow).