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Datasheet for ABIN6991153 **anti-SCARA5 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	SCARA5
Binding Specificity:	AA 350-400, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCARA5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	SCARA5 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human SCARA5. The immunogen is located within amino acids 350 - 400 of SCARA5.
Isotype:	IgG
Specificity:	At least four isoforms of SCARA5 are known to exist, this antibody will detect all four isoforms.
Purification:	SCARA5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SCARA5
Alternative Name:	SCARA5 (SCARA5 Products)

Target Details

Background:	SCARA5 Antibody: Scavenger receptor class A member 5 (SCARA5), also known as TESR, is part of the scavenger receptor superfamily, which is composed of many members with diverse structures, expression patterns, and functions. SCARA5 is a cell-surface receptor that contains the collagen-like domain and N-terminal scavenger receptor cysteine rich domain typical of the class A scavenger receptor subfamily. Unlike other class A receptors, SCARA5 does not endocytose acetylated or oxidized low density lipoprotein. Instead, SCARA5 binds serum ferritin and mediates its endocytosis from the cell surface, indicating SCARA5 may play a role in non-transferrin iron delivery.
Molecular Weight:	Predicted: 24, 39, 44, 54 kDa Observed: 50 kDa
Gene ID:	286133
NCBI Accession:	NP_776194
UniProt:	Q6ZMJ2
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	SCARA5 antibody can be used for detection of SCARA5 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SCARA5 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SCARA5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.