

Datasheet for ABIN500680
anti-SCARA5 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	SCARA5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCARA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	A 17 amino acid peptide near the carboxy terminus of Human SCARA5. Genename: SCARA5
Isotype:	IgG
Specificity:	This antibody detects SCARA5.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	SCARA5
Alternative Name:	SCARA5 (SCARA5 Products)

Target Details

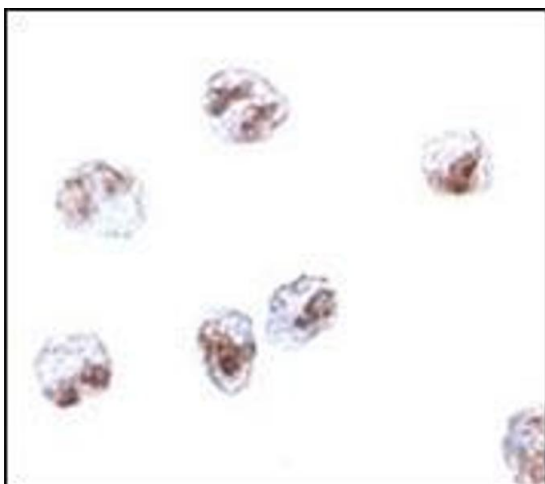
Background:	Scavenger receptor class A member 5 (SCARA5), also known as TESR, is part of the scavenger receptor superfamily, which is composed of many members with diverse structures, expression patterns, and functions. SCARA5 is a cell-surface receptor that contains that collagen-like domain and N-terminal 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. At least four isoforms of SCARB1 are known to exist.Synonyms: Scavenger receptor class A member 5
Gene ID:	286133
NCBI Accession:	NP_776194
UniProt:	Q6ZMJ2
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	ELISA. Western blot: 1 - 2 µg/mL. Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

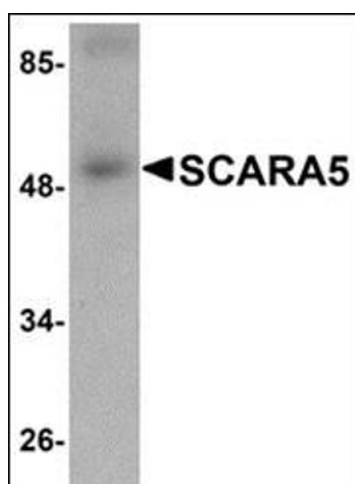
Handling

Buffer:	PBS containing 0.02 % Sodium Azide as preservative
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
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunocytochemistry of SCARA5 in HepG2 cells with SCARA5 antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of SCARA5 in human liver tissue lysate with SCARA5 antibody at 1 µg/ml.