

Anti-SCARA5 Antibody

Catalog Number: A09571

About SCARA5

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.

Overview

Product Name	Anti-SCARA5 Antibody
Reactive Species	Human
Description	Boster Bio Anti-SCARA5 Antibody (Catalog # A09571). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	SCARA5 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	SCARA5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q6ZMJ2

Technical Details

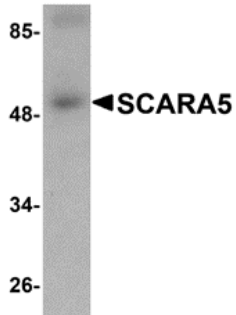
Immunogen	SCARA5 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human SCARA5. The immunogen is located within amino acids 350 - 400 of SCARA5.
Predicted Reactive Species	Bovine, Chicken, Mouse, Rat
Cross Reactivity	At least four isoforms of SCARA5 are known to exist; this antibody will detect all four isoforms.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SCARA5 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

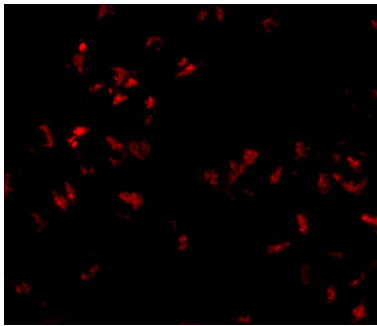
SCARA5 antibody can be used for detection of SCARA5 by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

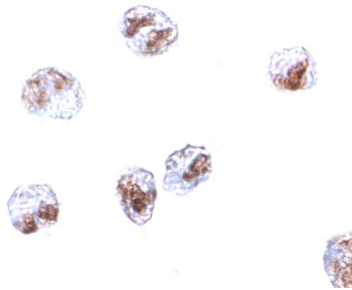
Anti-SCARA5 Antibody (A09571) Images



Western blot analysis of SCARA5 in human liver tissue lysate with SCARA5 antibody at 1 ug/mL.



Immunofluorescence of SCARA5 in HepG2 cells with SCARA5 antibody at 20 ug/mL.



Immunocytochemistry of SCARA5 in HepG2 cells with SCARA5 antibody at 2.5 ug/mL.

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Anti-SCARA5 Antibody

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