

Product datasheet

Anti-SCARA5 antibody ab106439

3 Images

Overview

Product name	Anti-SCARA5 antibody
Description	Rabbit polyclonal to SCARA5
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, ICC
Species reactivity	Reacts with: Mouse, Human
Immunogen	17 amino acid synthetic peptide from near the C-terminus of Human SCARA5 (NP_776194).
Positive control	Human Liver tissue lysate, HepG2 cells.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (stable for up to 12 months).

Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab106439** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 54 kDa.
ICC		Use a concentration of 2.5 µg/ml.

Target

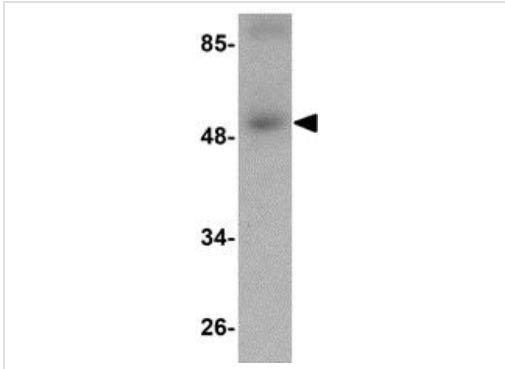
Function Ferritin receptor that mediates non-transferrin-dependent delivery of iron. Mediates cellular uptake of ferritin-bound iron by stimulating ferritin endocytosis from the cell surface with consequent iron delivery within the cell. Delivery of iron to cells by ferritin is required for the development of specific cell types, suggesting the existence of cell type-specific mechanisms of iron traffic in organogenesis, which alternatively utilize transferrin or non-transferrin iron delivery pathways. Ferritin mediates iron uptake in capsule cells of the developing kidney. Binds preferentially ferritin light chain (FTL) compared to heavy chain (FTH1).

Sequence similarities Belongs to the SCARA5 family.
Contains 1 collagen-like domain.
Contains 1 SRCR domain.

Cellular localization Cell membrane.

Form There are 4 isoforms produced by alternative splicing.

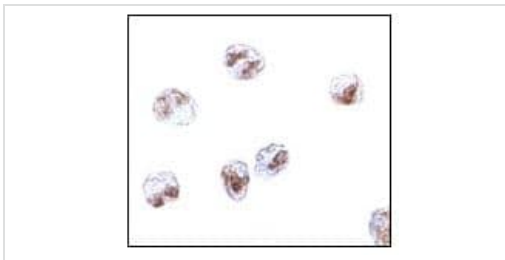
Images



Western blot - Anti-SCARA5 antibody (ab106439)

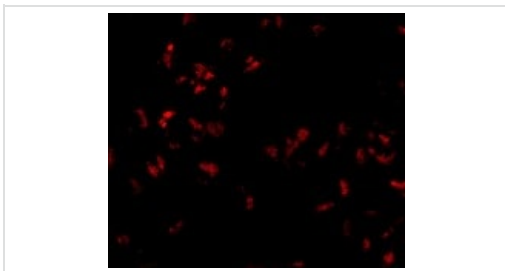
Anti-SCARA5 antibody (ab106439) at 1 μ g/ml + Human liver tissue lysate at 15 μ g

Predicted band size: 54 kDa



Immunocytochemistry - Anti-SCARA5 antibody (ab106439)

ab106439, at 2.5 μ g/ml, staining SCARA5 in HepG2 cells by immunocytochemistry.



Immunocytochemistry/ Immunofluorescence - Anti-SCARA5 antibody (ab106439)

Immunofluorescence of SCARA5 in HepG2 cells using ab106439 at 20 μ g/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

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