

SCAR5 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10041b**Specification**

SCAR5 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O6ZMJ2](#)
Other Accession [NP_776194.2](#)

SCAR5 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 286133

Other Names

Scavenger receptor class A member 5, Scavenger receptor hlg, SCARA5

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SCAR5 Antibody (C-term) Blocking peptide - Protein Information

Name SCARA5 {ECO:0000255|HAMAP-Rule:MF_03070}

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. Preferentially binds ferritin light chain (FTL) compared to heavy chain (FTH1).

Cellular Location

Cell membrane {ECO:0000255|HAMAP-Rule:MF_03070}; Single-pass type II membrane protein {ECO:0000255|HAMAP-Rule:MF_03070}

SCAR5 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

SCAR5 Antibody (C-term) Blocking peptide - Images