

SCAR5 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10041b**Specification**

SCAR5 Antibody (C-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q6ZMJ2
Other Accession	NP_776194.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53994
Antigen Region	385-413

SCAR5 Antibody (C-term) - Additional Information**Gene ID** 286133**Other Names**

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

Target/Specificity

This SCAR5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 385-413 amino acids from the C-terminal region of human SCAR5.

Dilution

IHC-P~~1:50~100

WB~~1:500

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SCAR5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SCAR5 Antibody (C-term) - 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

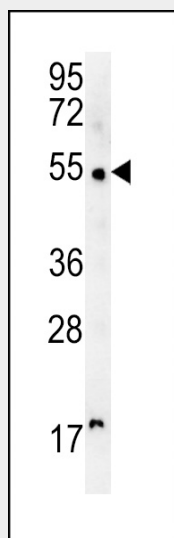
Cell membrane {ECO:0000255|HAMAP-Rule:MF_03070}; Single-pass type II membrane protein {ECO:0000255|HAMAP-Rule:MF_03070}

SCAR5 Antibody (C-term) - Protocols

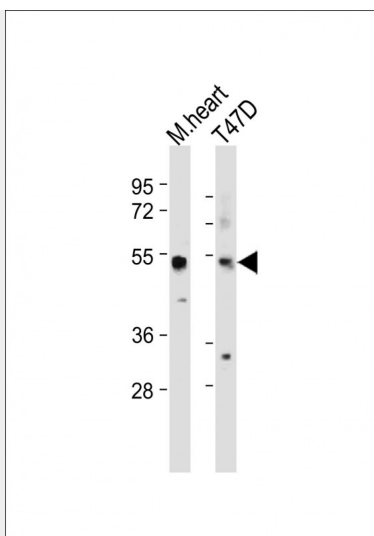
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

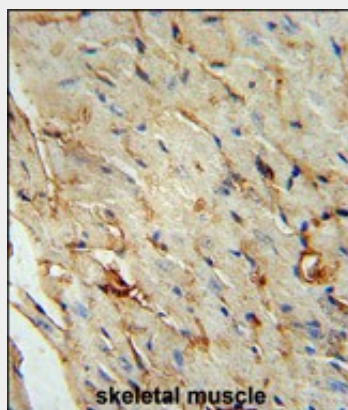
SCAR5 Antibody (C-term) - Images



SCAR5 Antibody (C-term) (Cat. #AP10041b) western blot analysis in mouse heart tissue lysates (15ug/lane). This demonstrates the SCAR5 antibody detected SCAR5 protein (arrow).



All lanes : Anti-SCAR5 Antibody (C-term) at 1:500 dilution Lane 1: Moese heart tissue lysate Lane 2: T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



SCAR5 Antibody (C-term) (Cat. #AP10041b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SCAR5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.