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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).

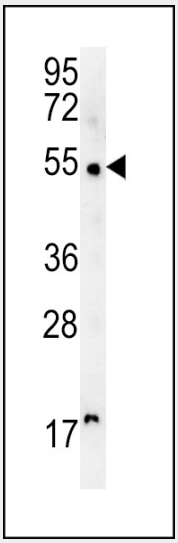
Cellular Location
Cell membrane {ECO:0000255|HAMAP-Rule:MF_03070}; Single-pass type II membrane protein {ECO:0000255|HAMAP-Rule:MF_03070}

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 Cytomety
- 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).

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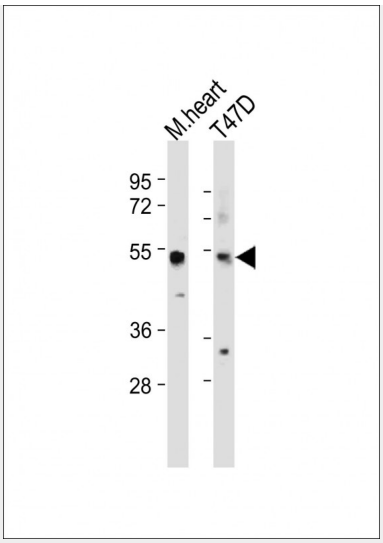
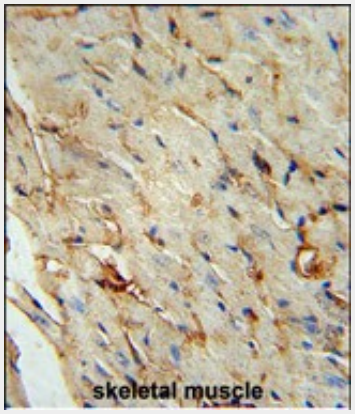


All lanes : Anti-SCAR5 Antibody (C-term) at 1:500 dilution Lane 1: Moese heart tissue lysate Lane 2: T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



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.