

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

Specification

SCAR5 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O6ZMJ2
Other Accession	NP_776194.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
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

WB~~1:500
IHC-P~~1:50~100

Format

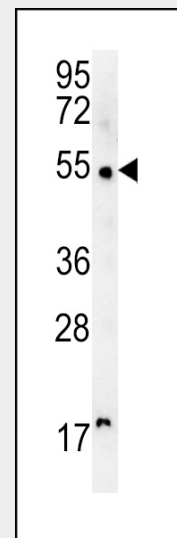
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

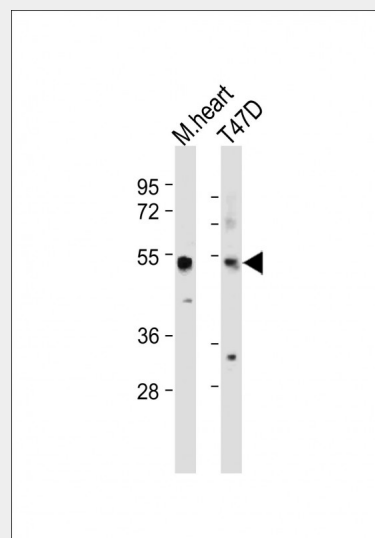
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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



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.

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. Binds preferentially 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}

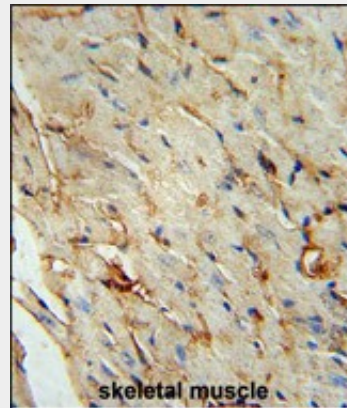
SCAR5 Antibody (C-term) - Protocols

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](#)

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.