

Product datasheet for **AP53807PU-N**

SCARA5 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 392-421 amino acids from the C-terminal region of Human SCARA5 (NP_776194.2)
Specificity:	Recognizes SCARA5 (C-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide Affinity purification
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	scavenger receptor class A member 5
Database Link:	Entrez Gene 71145 Mouse Entrez Gene 286133 Human Q6ZMJ2



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Background:

SCARA5 (scavenger receptor class A member 5), also known as Tesr, is a 495 amino acid cell membrane protein. SCARA5 is expressed at high levels in testis, with highest levels specifically found in specific populations of epithelial cells and Sertoli cells. SCARA5 forms a homotrimer single-pass type II membrane complex present on the surface of the plasma membrane. Cells transfected with SCARA5 were able to bind particular gram-positive and gram-negative bacteria, suggesting a possible role for SCARA5 in immunity to infection. It has also been suggested that SCARA5 may be involved in transferrin delivery pathways. Expressed as four isoforms produced by alternative splicing, SCARA5 contains one collagen-like domain and one SRCR domain.

Synonyms:

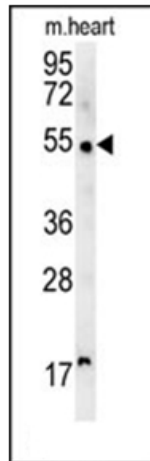
FLJ23907; MGC45780; NET33; Tesr

Note:

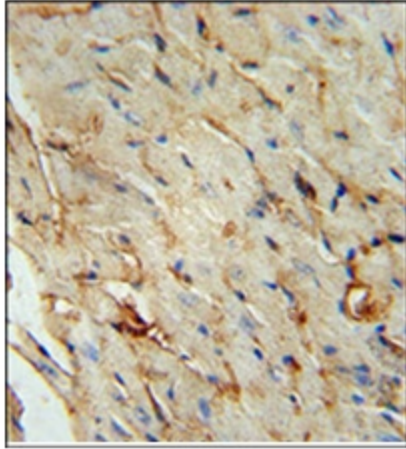
Molecular Weight: 53994 Da

Protein Families:

Druggable Genome, Transmembrane

Product images:

Western blot analysis of SCARA5 Antibody (C-term) in mouse heart tissue lysates (15 ug/lane). This demonstrates the SCARA5 antibody detected SCARA5 protein (arrow).



Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded Human stomach tissue stained with SCARA5 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SCARA5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.