SCAR5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SCAR5, Polyclonal Antibody
Full Product Name	SCAR5 Polyclonal Antibody
Product Gene Name	anti-SCAR5 antibody
Product Synonym Names	Scavenger receptor class A member 5; Scavenger receptor hlg; SCARA5; UNQ2938/PRO28700
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	54
OMIM	611306
3D Structure	ModBase 3D Structure for Q6ZMJ2
Immunogen	Synthesized peptide derived from human protein. at AA range: 230-310
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SCAR5 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-SCAR5 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-SCAR5 antibody	MBS8530602 is an antibody targeting SCAR5. Also known as SCAR5 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-SCAR5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCAR5. It may not necessarily be applicable to this product.

NCBI GI #	47271477
NCBI GeneID	286133
NCBI Accession #	NP_776194.2
UniProt Primary Accession #	Q6ZMJ2
UniProt Secondary Accession #	Q6UXZ1; Q7Z4A1; Q8N4Z7
UniProt Related Accession #	Q6ZMJ2
GenBank Nucleotide #	NM_173833.5

NCBI Official Full Name	scavenger receptor class A member 5
NCBI Official Synonym Full Names	scavenger receptor class A member 5
NCBI Official Symbol	SCARA5
NCBI Official Synonym Symbols	Tesr; NET33
UniProt Protein Name	Scavenger receptor class A member 5
UniProt Synonym Protein Names	Scavenger receptor hlg
UniProt Gene Name	SCARA5
NCBI Protein Information	scavenger receptor class A member 5
UniProt Comments for SCAR5	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).
Research Articles on SCAR5	**1.** The methylation status of SCARA5 gene are abnormal in Hepatocellular Carcinoma patients, which may further be used as molecular markers for early diagnosis of Liver cancer.
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