

Rabbit anti-Human Scavenging Receptor SRB2/SCARB2 Polyclonal Antibody | anti-SCARB2 antibody

Anti-Scavenging Receptor SRB2/SCARB2 Antibody Picoband

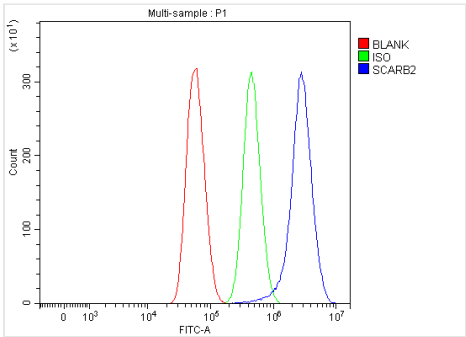
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19535	Rabbit	Human	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

Scavenging Receptor SRB2/SCARB2; Polyclonal Antibody; Anti-Scavenging Receptor SRB2/SCARB2 Antibody Picoband; anti-SCARB2 antibody

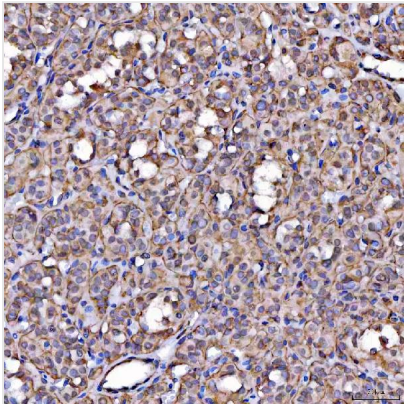
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SCARB2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA
Application Notes	WB: 0.25-0.5 ug/ml, Human IHC-P: 2-5 ug/ml, Human FC/FACS: 1-3 ug/1x10 ⁶ cells, Human Direct ELISA: 0.1-0.5 ug/ml, Human Tested Species: In-house tested species with positive results. Enhanced Chemiluminescent Kit with anti-Rabbit IgG for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit for IHC(P).
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human Scavenging Receptor SRB2/SCARB2 recombinant protein (Position: E48-H357).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



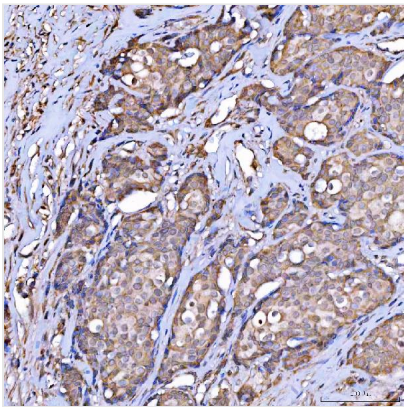
FCM (Flow Cytometry)

Figure 7. Flow Cytometry analysis of U87 cells using anti-Scavenging Receptor SRB2/SCARB2 antibody (AAA19535).Overlay histogram showing U87 cells stained with AAA19535 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-Scavenging Receptor SRB2/SCARB2 Antibody (AAA19535, 1 ug/1x10^6 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10^6) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



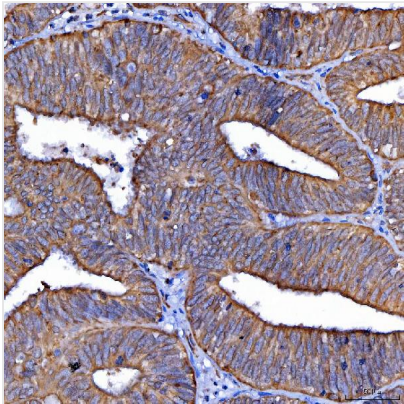
IHC (Immunohistochemistry)

Figure 5. IHC analysis of Scavenging Receptor SRB2/SCARB2 using anti-Scavenging Receptor SRB2/SCARB2 antibody (AAA19535).Scavenging Receptor SRB2/SCARB2 was detected in a paraffin-embedded section of human thyroid cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Scavenging Receptor SRB2/SCARB2 Antibody (AAA19535) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



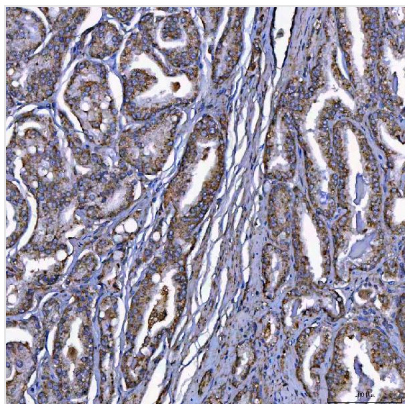
IHC (Immunohistochemistry)

Figure 6. IHC analysis of Scavenging Receptor SRB2/SCARB2 using anti-Scavenging Receptor SRB2/SCARB2 antibody (AAA19535).Scavenging Receptor SRB2/SCARB2 was detected in a paraffin-embedded section of human breast cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Scavenging Receptor SRB2/SCARB2 Antibody (AAA19535) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



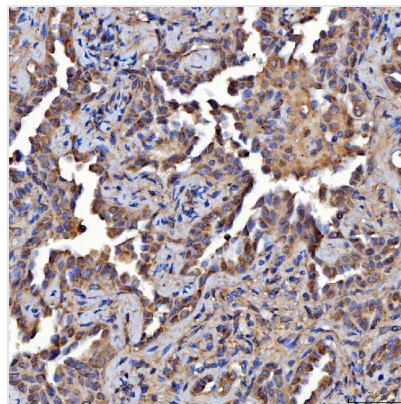
IHC (Immunohistochemistry)

Figure 4. IHC analysis of Scavenging Receptor SRB2/SCARB2 using anti-Scavenging Receptor SRB2/SCARB2 antibody (AAA19535).Scavenging Receptor SRB2/SCARB2 was detected in a paraffin-embedded section of human endometrial cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Scavenging Receptor SRB2/SCARB2 Antibody (AAA19535) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of Scavenging Receptor SRB2/SCARB2 using anti-Scavenging Receptor SRB2/SCARB2 antibody (AAA19535). Scavenging Receptor SRB2/SCARB2 was detected in a paraffin-embedded section of human prostate cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Scavenging Receptor SRB2/SCARB2 Antibody (AAA19535) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 2. IHC analysis of Scavenging Receptor SRB2/SCARB2 using anti-Scavenging Receptor SRB2/SCARB2 antibody (AAA19535). Scavenging Receptor SRB2/SCARB2 was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Scavenging Receptor SRB2/SCARB2 Antibody (AAA19535) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-SCARB2 antibody	Lysosomal integral membrane protein 2 (LIMP-2) is a protein that in humans is encoded by the SCARB2 gene. The protein encoded by this gene is a type III glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes. Earlier studies in mice and rat suggested that this protein may participate in membrane transportation and the reorganization of endosomal/lysosomal compartment. The protein deficiency in mice was reported to impair cell membrane transport processes and cause pelvic junction obstruction, deafness, and peripheral neuropathy. Further studies in human showed that this protein is a ubiquitously expressed protein and that it is involved in the pathogenesis of HFMD (hand, foot, and mouth disease) caused by enterovirus-71 and possibly by coxsackievirus A16. Mutations in this gene caused an autosomal recessive progressive myoclonic epilepsy-4 (EPM4), also known as action myoclonus-renal failure syndrome (AMRF). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SCARB2 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	2498525
NCBI GeneID	950
UniProt Accession #	Q14108; Q53Y63; B4DKD8; E7EM68
Molecular Weight	54,290 Da
NCBI Official Full Name	Lysosome membrane protein 2
NCBI Official Synonym Full Names	scavenger receptor class B, member 2
NCBI Official Symbol	SCARB2
NCBI Official Synonym Symbols	AMRF; EPM4; LGP85; CD36L2; HLGP85; LIMP-2; LIMPII; SR-BII
NCBI Protein Information	lysosome membrane protein 2; LIMP II; CD36 antigen-like 2; lysosome membrane protein II; 85 kDa lysosomal membrane sialoglycoprotein; 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombos
UniProt Protein Name	Lysosome membrane protein 2
UniProt Gene Name	SCARB2

UniProt Synonym Gene Names	CD36L2; LIMP2; LIMPII; LGP85; LIMP II
UniProt Entry Name	SCRB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/scavenging-receptor-srb2-scarb2-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/19535>