

Rabbit LSR Polyclonal Antibody | anti-LSR antibody

Anti-LSR Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19467	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

LSR; Polyclonal Antibody; Anti-LSR Antibody Picoband; anti-LSR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
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-LSR antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Application Notes	WB: 0.25-0.5 ug/ml, Human, Mouse, Rat IHC-P: 2-5 ug/ml, Human, Mouse, Rat ICC/IF: 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) and ICC.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human LSR recombinant protein (Position: M1-V649).
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.



IF (Immunofluorescence)

Figure 7. IF analysis of LSR using anti-LSR antibody (AAA19467).LSR was detected in an immunocytochemical section of A431 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-LSR Antibody (AAA19467) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



IHC (Immunohistochemistry)

Figure 5. IHC analysis of LSR using anti-LSR antibody (AAA19467).LSR was detected in a paraffin-embedded section of human liver 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-LSR Antibody (AAA19467) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of LSR using anti-LSR antibody (AAA19467).LSR was detected in a paraffin-embedded section of rat colon 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-LSR Antibody (AAA19467) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



FCM (Flow Cytometry)

Figure 6. Flow Cytometry analysis of MCF-7 cells using anti-LSR antibody (AAA19467).Overlay histogram showing MCF-7 cells stained with AAA19467 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-LSR Antibody (AAA19467, 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 4. IHC analysis of LSR using anti-LSR antibody (AAA19467).LSR 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-LSR Antibody (AAA19467) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 2. IHC analysis of LSR using anti-LSR antibody (AAA19467).LSR was detected in a paraffin-embedded section of mouse colon 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-LSR Antibody (AAA19467) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-LSR antibody	Lipolysis-stimulated lipoprotein receptor is a protein that in humans is encoded by the LSR gene. LSR has a probable role in the clearance of triglyceride-rich lipoprotein from blood. It binds chylomicrons, LDL and VLDL in presence of free fatty acids and allows their subsequent uptake in the cells.
Product Categories/Family for anti-LSR antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	386781455
NCBI GeneID	51599
NCBI Accession #	NP_001247418.1
NCBI GenBank Nucleotide #	NM_001260489.1
UniProt Accession #	Q86X29; O00112; O00426; Q6ZT80; Q8NBM0; Q9BT33; Q9UQL3; A6NDW3; B4DKL4; E9PHD4
Molecular Weight	54,498 Da

NCBI Official Full Name	lipolysis-stimulated lipoprotein receptor isoform 4
NCBI Official Synonym Full Names	lipolysis stimulated lipoprotein receptor
NCBI Official Symbol	LSR
NCBI Official Synonym Symbols	ILDR3; LISCH7
NCBI Protein Information	lipolysis-stimulated lipoprotein receptor
UniProt Protein Name	Lipolysis-stimulated lipoprotein receptor
UniProt Gene Name	LSR
UniProt Synonym Gene Names	LISCH

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lsr-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-immunocytochemistry-western-blot-elisa/19467>