

Goat Anti-LIMP2 / SCARB2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1625a**Specification**

Goat Anti-LIMP2 / SCARB2 Antibody - Product Information

Application	WB, IHC
Primary Accession	Q14108
Other Accession	NP_005497 , 950 , 12492 (mouse)
Reactivity	Human
Predicted	Mouse
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	54290

Goat Anti-LIMP2 / SCARB2 Antibody - Additional Information**Gene ID** 950**Other Names**

Lysosome membrane protein 2, 85 kDa lysosomal membrane sialoglycoprotein, LGP85, CD36 antigen-like 2, Lysosome membrane protein II, LIMP II, Scavenger receptor class B member 2, CD36, SCARB2, CD36L2, LIMP2, LIMPII

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-LIMP2 / SCARB2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-LIMP2 / SCARB2 Antibody - Protein Information**Name** SCARB2**Synonyms** CD36L2, LIMP2, LIMPII**Function**

Acts as a lysosomal receptor for glucosylceramidase (GBA1) targeting.

Cellular Location

Lysosome membrane; Multi-pass membrane protein

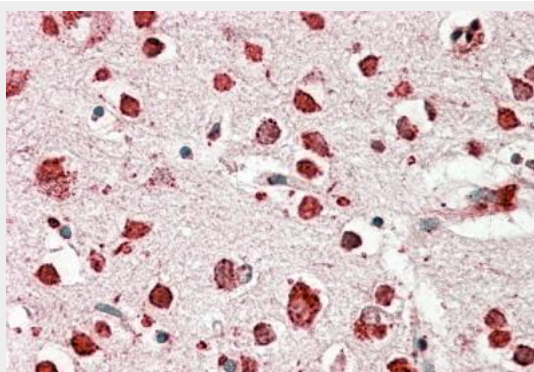
Goat Anti-LIMP2 / SCARB2 Antibody - Protocols

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](#)

Goat Anti-LIMP2 / SCARB2 Antibody - Images

AF1625a (0.1 µg/ml) staining of Human Cerebral Cortex lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF1625a (3.8 µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-LIMP2 / SCARB2 Antibody - Background

The protein encoded by this gene is a type III glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes. Studies of the similar protein in mice and rat suggested that this protein may participate in membrane transportation and the reorganization of endosomal/lysosomal compartment. Deficiency of the similar protein in mice was reported to impair

cell membrane transport processes and cause pelvic junction obstruction, deafness, and peripheral neuropathy.

Goat Anti-LIMP2 / SCARB2 Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the ACACB gene on low-density lipoprotein cholesterol? Ruaño G, et al. Pharmacogenomics, 2010 Jul. PMID 20602615.

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Distribution of smooth muscle cells and macrophages expressing scavenger receptor BI/II in atherosclerosis. Ishikawa Y, et al. J Atheroscler Thromb, 2009. PMID 20032583.

Disease-causing mutations within the lysosomal integral membrane protein type 2 (LIMP-2) reveal the nature of binding to its ligand beta-glucocerebrosidase. Blanz J, et al. Hum Mol Genet, 2010 Feb 15. PMID 19933215.