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EB09295-B - Goat Anti-LIMP2 / SCARB2, Biotinylated Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: SCARB2, scavenger receptor class B member 2, AMRF, CD36L2, EPM4, HLGP85, LGP85, LIMP-2, LIMPII, SR-BII, 85 kDa lysosomal membrane sialoglycoprotein, 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2, CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II), CD36 antigen-like 2, lysosome membrane protein II, scavenger receptor class B, member 2, LIMP II
Official Symbol: SCARB2
Accession Number(s): NP_005497.1
Human GeneID(s): 950
Non-Human GeneID(s): 12492 (mouse)
Important Comments: This antibody is expected to recognize reported isoform 1 (NP_005497.1) only.

Immunogen

Peptide with sequence C-NKANIQFGDNGTTIS., from the internal region of the protein sequence according to NP_005497.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.
Western blot: Approx 80kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 54.3kDa according to NP_005497.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Fujita et al, Biochem Biophys Res Commun. 1992 Apr 30;184(2):604-11.; PMID: 1374238). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse

Biotinylated EB00295 (1µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.