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**Research Use Only. Not for
diagnostic or therapeutic use.**

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, LIMP2, 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, LIMP II, lysosome membrane protein II, scavenger receptor class B, member 2

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.