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

EB09295 - Goat Anti-LIMP2 / SCARB2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SCARB2, scavenger receptor class B, member 2, AMRF, CD36L2, HLGP85, LIMP2, SR-BII, 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), lysosomal integral membrane protein II, EPM4, LGP85, LIMP-2, 85 kDa lysosomal membrane sialoglycoprotein, CD36 antigen-like 2, LIMP 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 (Cortex and Cerebellum) 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). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Human: Murphy KE et al. (2014) PMID: 24477431.

IHC: In paraffin embedded Human Cerebral Cortex shows lysosomal staining.

Recommended concentration, 3-5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse

Specific Reference

This antibody has been successfully used in Western blot on Human:

Murphy KE, Gysbers AM, Abbott SK, Tayebi N, Kim WS, Sidransky E, Cooper A, Garner B, Halliday GM.

Reduced glucocerebrosidase is associated with increased α -synuclein in sporadic Parkinson's disease.

Brain. 2014 Mar;137(Pt 3):834-48.

EB09295 (0.1µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09295 (3.8µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.