

Goat anti-LIMP2 / SCARB2 Antibody

Item Number	dAP-1782
Target Molecule	Principle Name: LIMP2 / SCARB2; Official Symbol: SCARB2; All Names and Symbols: SCARB2; scavenger receptor class B, member 2; AMRF; CD36L2; HLGP85; LIMP2; 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane prote; Accession Number (s): NP_005497.1; Human Gene ID(s): 950; Non-Human GeneID(s): 12492 (mouse)
Immunogen	NKANIQFGDNGTTIS, is from internal region This antibody is expected to recognize reported isoform 1 (NP_005497.1) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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
IHC	Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows lysosomal staining. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Berkovic SF, Dibbens LM, Oshlack A, Silver JD, Katerelos M, Vears DF, Lüllmann-Rauch R, Blanz J, Zhang KW, Stankovich J, Kalnins RM, Dowling JP, Andermann E, Andermann F, Faldini E, D'Hooge R, Vadlamudi L, Macdonell RA, Hodgson BL, Bayly MA, Savage J, Mul Array-based gene discov-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**