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EB05045 - Goat Anti-SORL1 / LR11 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: SORL1, LR11, sortilin-related receptor, L(DLR class) A repeats-containing, LRP9, SORLA, gp250, SorLA-1, mosaic protein LR11, C11orf32, FLJ21930, FLJ39258, sortilin-related receptor containing LDLR class A repeats
Official Symbol: SORL1
Accession Number(s): NP_003096.1
Human GeneID(s): 6653

Immunogen

Peptide with sequence C-TGFSDDVPMVIA, from the C Terminus of the protein sequence according to NP_003096.1.

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 1:32000.
Western blot: Approx 250kDa band observed in Mouse Brain lysates (calculated MW of 248kDa according to Human NP_003096.1 and 247kDa according to Mouse NP_035566.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

Specific Reference

This antibody has been successfully used in Mouse in the following paper:
Kim E, Lee Y, Lee HJ, Kim JS, Song BS, Huh JW, Lee SR, Kim SU, Kim SH, Hong Y, Shim I, Chang KT.
Implication of mouse Vps26b-Vps29-Vps35 retromer complex in sortilin trafficking.
Biochem Biophys Res Commun. 2010 Dec 10;403(2):167-71.
PMID: 21040701

EB05045 (0.3µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.