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

Storage: For long-term storage  
keep aliquots at -20°C. (Store no  
longer than 12 months at 4°C).  
Minimize freezing and thawing.

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

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** sortilin-related receptor containing LDLR class A repeats, FLJ39258, FLJ21930, C11orf32, mosaic protein LR11, SorLA-1, gp250, SORLA, LRP9, sortilin-related receptor, L(DLR class) A repeats-containing, LR11, SORL1

**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 and Rat 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 the following papers:

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