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

EB08822 - Goat Anti-LASS1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: LAG1, CerS1, LASS1, LAG1 homolog, ceramide synthase 1, MGC90349, UOG1, LAG1 longevity assurance homolog 1, longevity assurance (LAG1, S. cerevisiae) homolog 1, longevity assurance gene 1, upstream of GDF1

Official Symbol: CERS1

Accession Number(s): NP_067090.1; NP_937850.1

Human GeneID(s): [10715](#)

Non-Human GeneID(s): 93898 (mouse), 306351 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_067090.1 and NP_937850.1).

Immunogen

Peptide with sequence C-KDLREYDTAEAQ, from the internal region of the protein sequence according to NP_067090.1; NP_937850.1.

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 1:64000.

Western blot: Approx. 37 kDa band observed in Human Brain (Cerebellum, Cerebral Cortex and Frontal Cortex) lysates (calculated MW of 38.0 kDa according to NP_937850.1) An additional band of unknown identity was also consistently observed at 85 kDa. This band was successfully blocked by incubation with the immunising peptide. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Pig, Cow

EB08822 (1µg/ml) staining of Frontal Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.