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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: LASS1

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). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 85 kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

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). Primary incubation was 1 hour.
Detected by chemiluminescence.