

## UK Office

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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

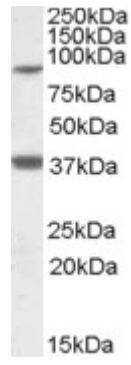
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**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 (1 $\mu$ g/ml) staining of Frontal Cortex lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.