



## UK Office

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

## EB09459 - Goat Anti-NEBL / nebulette Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NEBL, nebulette, FLJ53769, LNEBL, MGC119746, MGC119747, bA56H7.1, LIM-nebulette, NEBL, actin-binding Z-disc protein, OTTHUMP00000019268, actin-binding Z-disc protein

**Official Symbol:** NEBL

**Accession Number(s):** NP\_998734.1; NP\_001166955.1

**Human GeneID(s):** [10529](#)

**Non-Human GeneID(s):** 74103 (mouse)

**Important Comments:** This antibody is expected to recognize isoform 2 and isoform 3 (NP\_998734.1; NP\_001166955.1) only, but does not recognize isoform 1 (NP\_006384.1).

### Immunogen

Peptide with sequence C-ELQRLKRTQE, from the internal region of the protein sequence according to NP\_998734.1; NP\_001166955.1.

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 1:4000.

**Western blot:** Preliminary experiments gave an approx 30kDa band in Human Brain (Frontal Cortex) lysates, but not in Human, Mouse and Rat Heart lysates after 1µg/ml antibody staining. This protein has a calculated MW of 31.2kDa according to NP\_998734.1. The 30kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Dog