EB09459 - Goat Anti-NEBL / nebulette Antibody

Size: 100µg specific antibody in 200µl

International Office

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Target Protein

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