

## Goat anti-NEBL / nebulette Antibody

<b>Item Number</b>	dAP-1891
<b>Target Molecule</b>	Principle Name: NEBL / nebulette; Official Symbol: NEBL; All Names and Symbols: NEBL; nebulette; FLJ53769; LNEBL; MGC119746; MGC119747; bA56H7.1; LIM-nebulette; NEBL, actin-binding Z-disc protein; OTTHUMP00000019268; actin-binding Z-disk protein; Accession Number (s): NP_998734.1; NP_001166955.1; Human Gene ID(s): 10529; Non-Human GeneID(s): 74103 (mouse)
<b>Immunogen</b>	ELQRLKRTQE, is from internal region 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).
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 4000.
<b>Western Blot</b>	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. T
<b>IHC</b>	
<b>Reference</b>	Reference(s): Bonzo JR, Norris AA, Esham M, Moncman CL, The nebulette repeat domain is necessary for proper maintenance of tropomyosin with the cardiac sarcomere. Exp Cell Res. 2008 Nov 15;314 (19):3519-30. Epub 2008 Sep 16..PMID: 18823973->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**