

GOAT ANTI-NEBL / NEBULETTE ANTIBODY

SKU: EB09459



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	actin-binding Z-disk protein OTTHUMP00000019268 NEBL, actin-binding Z-disc protein LIM-nebulette bA56H7.1 MGC119747 MGC119746 LNEBL FLJ53769 nebulette NEBL
Accession ID	NP_998734.1; NP_001166955.1
Blocking Peptide	EBP09459
Immunogen	Peptide with sequence C-ELQRLKRTQE, from the internal region of the protein sequence according to NP_998734.1; NP_001166955.1.
Product 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).
Peptide Sequence	C-ELQRLKRTQE
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Dog
Human Gene ID	10529
Mouse Gene ID	74103
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	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?

**Application
Type**

Pep-ELISA

DOCUMENTS

- [Data Sheet](#)