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

EB07348 - Goat Anti-Neuregulin 3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: neuregulin 3, HGNC:7999, NRG3, HRG3, pro-NRG3

Official Symbol: NRG3

Accession Number(s): NP_001010848.2

Human GeneID(s): [10718](#)

Non-Human GeneID(s): 18183 (mouse)

Immunogen

Peptide with sequence C-RNEIQRDSALTK, from the C Terminus of the protein sequence according to NP_001010848.2.

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 75kDa band observed in Human Brain (Cerebellum) lysates and in Mouse and Rat Brain lysates (calculated MW of 75.0kDa according to NP_001010848.2). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 37kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Human, Mouse, Rat

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

EB07348 (0.3µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.