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

EB08221 - Goat Anti-Neurologin 3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: neurologin 3, KIAA1480, ASPGX1, AUTSX1, HNL3, NLGN3

Official Symbol: NLGN3

Accession Number(s): NP_061850.2

Human GeneID(s): [54413](#)

Immunogen

Peptide with sequence C-RKDKRRQEPLRQPS, from the internal region of the protein sequence according to NP_061850.2.

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 1:16000.

Western blot: Approx. 85-90kDa band observed in Human Brain (Amygdala) lysates (calculated MW of 91.6kDa according to NP_061850.2). In transfected HEK293 transiently expressing Neuregulin3 a band of approx. 98kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.05-0.2µg/ml.

Species Reactivity

Tested: Human

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

EB08221 (0.1µg/ml) staining of Human Brain (Amygdala) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

HEK293 overexpressing Neuregulin3 (RC207955) and probed with EB08221 (mock transfection in first lane), tested by Origene.