

#### **UK Office**

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

#### www.everestbiotech.com

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## EB08221 - Goat Anti-Neuroligin 3 Antibody

Size: 100µg specific antibody in 200µl

# **P**lite

#### **Target Protein**

Principal Names: neuroligin 3, KIAA1480, ASPGX1, AUTSX1, HNL3, NLGN3 Official Symbol: NLGN3 Accession Number(s): NP\_061850.2 Human GenelD(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**

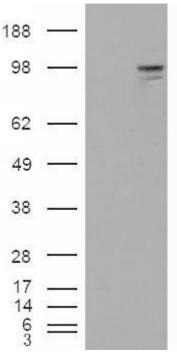
Tested: Human

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

	250kDa 150kDa 100kDa
1	75kDa
	50kDa
	37kDa
	25kDa
	20kDa

#### 15kDa

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.