

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB11592 - Goat Anti-NLGN4X (aa51-65) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ASPGX2, AUTSX2, HLNX, HNL4X, HNLX, KIAA1260, MGC22376, neuroligin 4, X-linked, neuroligin X, neuroligin-4, X-linked, NLGN, NLGN4, NLGN4X, OTTHUMP00000022863, OTTHUMP00000022864, OTTHUMP00000022865

**Official Symbol:** NLGN4X

**Accession Number(s):** NP\_065793.1

**Human GeneID(s):** [57502](#)

**Important Comments:** Reported variants represent identical protein: NP\_851849.1, NP\_065793.1

### Immunogen

Peptide with sequence C-NYGKIRGLRTPNE, from the internal region (near N Terminus) of the protein sequence according to NP\_065793.1.

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

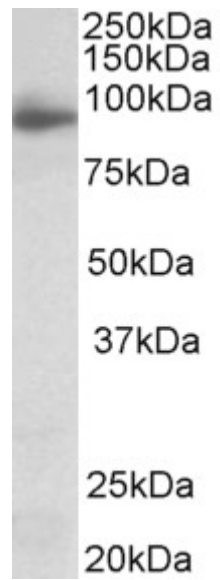
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 90kDa band observed in Human Brain (Amygdala) lysates (calculated MW of 91.9kDa according to NP\_065793.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Pig, Cow



EB11592 (1 $\mu$ g/ml) staining of Amygdala lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.