

International Office

Everest Biotech Ltd Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

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): <u>57502</u> Important Comments: Reported variants represent identical protein: NP_851849.1, NP_065793.1

Immunogen

Peptide with sequence C-NYGKIRGLRTPLPNE, 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.

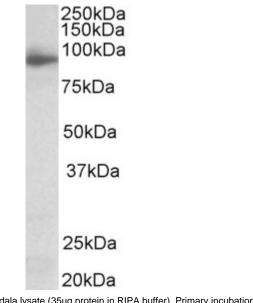
Aliquot and store at -20°C. Minimize freezing and thawing.

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