

# NLGN4X (aa51-65) Antibody (internal region, near N-Term)

Peptide-affinity purified goat antibody Catalog # AF3794a

## **Specification**

# NLGN4X (aa51-65) Antibody (internal region, near N-Term) - Product Information

Application WB

Primary Accession <u>Q8N0W4</u>

Other Accession <u>NP\_065793.1</u>, <u>57502</u>

Reactivity Human

Predicted Pig, Dog, Cow

Host Goat
Clonality Polyclonal
Concentration 0.5 mg/ml

Isotype IgG Calculated MW 91915

# NLGN4X (aa51-65) Antibody (internal region, near N-Term) - Additional Information

#### **Gene ID 57502**

### **Other Names**

Neuroligin-4, X-linked, Neuroligin X, HNLX, NLGN4X, KIAA1260, NLGN4

#### **Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

## Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

NLGN4X (aa51-65) Antibody (internal region, near N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

# NLGN4X (aa51-65) Antibody (internal region, near N-Term) - Protein Information

### Name NLGN4X

Synonyms KIAA1260, NLGN4

#### **Function**

Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members.

#### **Cellular Location**

Cell membrane; Single-pass type I membrane protein. Postsynaptic density membrane



#### **Tissue Location**

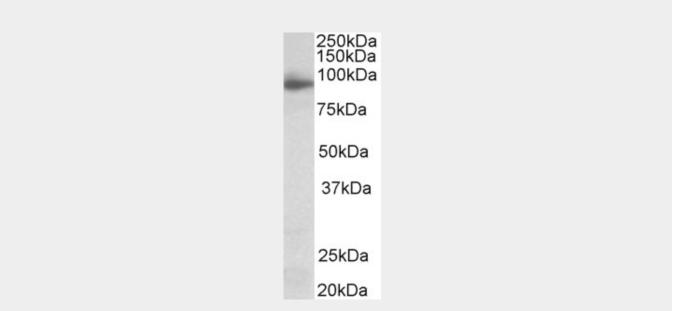
Expressed at highest levels in heart. Expressed at lower levels in liver, skeletal muscle and pancreas and at very low levels in brain.

## NLGN4X (aa51-65) Antibody (internal region, near N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# NLGN4X (aa51-65) Antibody (internal region, near N-Term) - Images



AF3794a (1  $\mu$ g/ml) staining of Amygdala lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

# NLGN4X (aa51-65) Antibody (internal region, near N-Term) - Background

Reported variants represent identical protein: NP 851849.1, NP 065793.1

### NLGN4X (aa51-65) Antibody (internal region, near N-Term) - References

Gender differences in cognitive ability associated with genetic variants of NLGN4. Zhang K, Gao X, Qi H, Li J, Zheng Z, Zhang F. Neuropsychobiology. 2010;62(4):221-8. PMID: 20714171