

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	Q8NOW4
Other Accession	NP_065793.1 , 57502
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 Cytometry](#)
- [Cell Culture](#)

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

AF3794a (1 µg/ml) staining of Amygdala lysate (35 µg 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