

NLGN3 polyclonal antibody

Catalog # PAB7418

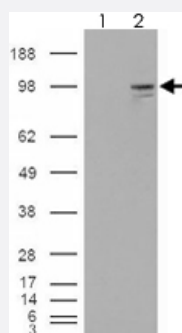
Size 100 ug

Applications



Western Blot (Tissue lysate)

NLGN3 polyclonal antibody (Cat # PAB7418) (0.1 ug/mL) staining of human brain (amygdala) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Transfected lysate)

293 overexpressing NLGN3 and probed with NLGN3 polyclonal antibody (Cat # PAB7418) (mock transfection in first lane), tested by Origene.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NLGN3.
Immunogen	A synthetic peptide corresponding to human NLGN3.
Sequence	C-RKDKRRQEPLRQPS
Host	Goat
Theoretical MW (kDa)	91.5
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Western Blot (0.05-0.2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — NLGN3

Entrez GeneID	54413
Protein Accession#	NP_061850.2
Gene Name	NLGN3
Gene Alias	ASPGX1, AUTSX1, HNL3, KIAA1480
Gene Description	neuroligin 3
Omim ID	300336 300425 300494
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. Mutations in this gene may be associated with autism and Asperger syndrome. Multiple transcript variants encoding distinct isoforms have been identified for this gene, but their full length sequences have not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000023498

Publication Reference

- [A neuroligin-3 mutation implicated in autism increases inhibitory synaptic transmission in mice.](#)

Tabuchi K, Blundell J, Etherton MR, Hammer RE, Liu X, Powell CM, Sudhof TC.

Science 2007 Oct; 318(5847):71.

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [NARP](#)