

NLGN1 polyclonal antibody

Catalog # PAB6838

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NLGN1.
Immunogen	A synthetic peptide corresponding to human NLGN1.
Sequence	C-TAKQDDPKQQ
Host	Goat
Theoretical MW (kDa)	92
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:4000) 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.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NLGN1

Entrez GeneID	22871
Protein Accession#	NP_055747.1
Gene Name	NLGN1
Gene Alias	KIAA1070, MGC45115
Gene Description	neuroligin 1
Omim ID	600568
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. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Control of excitatory and inhibitory synapse formation by neuroligins.](#)

Chih B, Engelman H, Scheiffele P.

Science 2005 Feb; 307(5713):1324.

Application: WB, Rat, Rat hippocampal neurons

Pathway

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

Disease

- [Amyotrophic lateral sclerosis](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)

- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Narcolepsy](#)
- [Psychotic Disorders](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)