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# NLGN1 Antibody (monoclonal) (M01)

**Mouse monoclonal antibody raised against a partial recombinant NLGN1.**
**Catalog # AT3062a**

## Specification

### NLGN1 Antibody (monoclonal) (M01) - Product Information

| | |
|---|---|
| Application | **WB, E** |
| Primary Accession | Q8N2Q7 |
| Other Accession | NM_014932 |
| Reactivity | **Human** |
| Host | **mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG1 Kappa** |
| Calculated MW | **96368** |

### NLGN1 Antibody (monoclonal) (M01) - Additional Information

**Gene ID** 22871

**Other Names**
Neuroligin-1, NLGN1, KIAA1070

**Target/Specificity**
NLGN1 (NP_055747, 578 a.a. ~ 677 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**
WB~~1:500~1000

**Format**
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**
NLGN1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

### NLGN1 Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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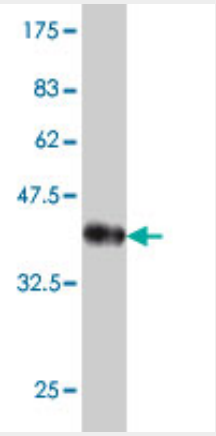
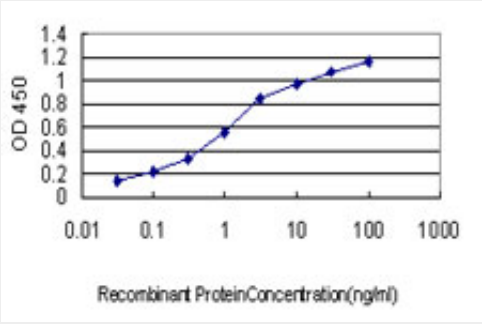
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**NLGN1 Antibody (monoclonal) (M01) - Images**




Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .




Detection limit for recombinant GST tagged NLGN1 is approximately 0.1ng/ml as a capture antibody.

**NLGN1 Antibody (monoclonal) (M01) - Background**

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.

**NLGN1 Antibody (monoclonal) (M01) - References**

An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M, et al. Hum Genet, 2010 Oct. PMID 20677014.Genome-wide association study of major recurrent depression in the U.K. population. Lewis CM, et al. Am J Psychiatry, 2010 Aug. PMID 20516156.Comprehensive copy number variant (CNV) analysis of neuronal pathways genes in psychiatric disorders identifies rare variants within patients. Saus E, et al. J Psychiatr Res, 2010 Apr 14. PMID 20398908.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Human variation in alcohol response is influenced by variation in neuronal signaling genes. Joslyn G, et al. Alcohol Clin Exp Res, 2010 May. PMID 20201926.