10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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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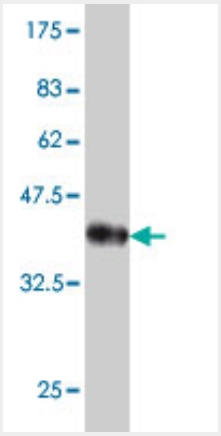
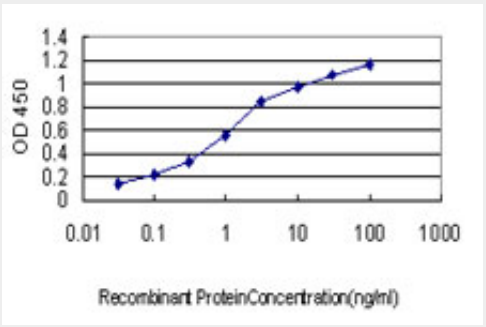
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.