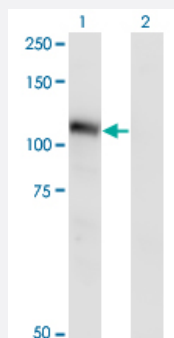


NLGN3 monoclonal antibody (M02), clone 2A6

Catalog # H00054413-M02

Size 100 ug

Applications

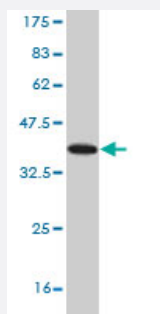


Western Blot (Transfected lysate)

Western Blot analysis of NLGN3 expression in transfected 293T cell line by NLGN3 monoclonal antibody (M02), clone 2A6.

Lane 1: NLGN3 transfected lysate(91.8 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NLGN3.
Immunogen	NLGN3 (NP_061850, 590 a.a. ~ 689 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PRVRDHYRATKVAFWKHLVPHLYNLHDMFHYTSTTTKVPPPDTHSSHITRRPNGKTWSTKRPAIS PAYSNENAQGSWNGDQDAGPLLVENPRDYSTELS
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (98); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of NLGN3 expression in transfected 293T cell line by NLGN3 monoclonal antibody (M02), clone 2A6.

Lane 1: NLGN3 transfected lysate(91.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NLGN3

Entrez GeneID	54413
GeneBank Accession#	NM_018977
Protein Accession#	NP_061850
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

Pathway

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

Disease

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