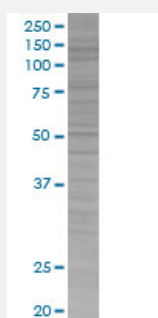


# NLGN3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054413-T01

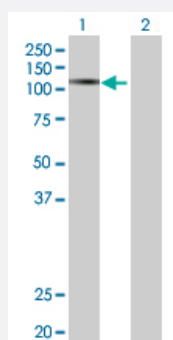
Size 100 uL

## Applications



### SDS-PAGE Gel

NLGN3 transfected lysate.



### Western Blot

Lane 1: NLGN3 transfected lysate ( 91.8 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                        |
|-------------------------------|------------------------|
| Transfected Cell Line         | 293T                   |
| Plasmid                       | pCMV-NLGN3 full-length |
| Host                          | Human                  |
| Theoretical MW (kDa)          | 91.8                   |
| Interspecies Antigen Sequence | Mouse (98); Rat (96)   |

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-NLGN3 antibody ([H00054413-B01](#)) by Western Blots.  
SDS-PAGE Gel  
NLGN3 transfected lysate.  
Western Blot  
Lane 1: NLGN3 transfected lysate ( 91.8 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — NLGN3

**Entrez GeneID**[54413](#)**GeneBank Accession#**[BC051715.1](#)**Protein Accession#**

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**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](#)