

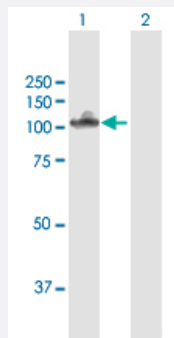
MaxPab®

NLGN4X MaxPab rabbit polyclonal antibody (D01)

Catalog # H00057502-D01

Size 100 uL

Applications

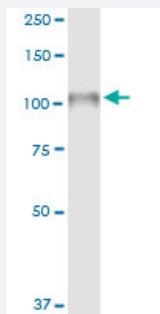


Western Blot (Transfected lysate)

Western Blot analysis of NLGN4X expression in transfected 293T cell line ([H00057502-T04](#)) by NLGN4X MaxPab polyclonal antibody.

Lane 1: NLGN4X transfected lysate (91.9 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of NLGN4X transfected lysate using anti-NLGN4X MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with NLGN4X purified MaxPab mouse polyclonal antibody (B01P) ([H00057502-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human NLGN4X protein.

Immunogen

NLGN4X (NP_065793.1, 1 a.a. ~ 816 a.a) full-length human protein.

Sequence

MSRPQGLLWLP LLFTPVCV MLNSNVLLWLTALAIKFTLIDSQAQYPVVNTNYGKIRGLRTPLPNEIL
GPVEQYLGVPIYASPTGERRFQPPEPPSSWTGIRNTTQFAAVCPQHLDERSLLHDMLPWF TANL
DTLMTYVQDQNE DCLYLNIVPTEDDIHDQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVMITI
NYRLGILGFLSTGDQAAKGNYGLLDQIQALRWIEENVGAFGGDPKRVTFGSGAGASCVSLLT LSH
YSEGLFQKAIQSGTALSSWAVNYQPAKYTRILADKVG CNMLDTTDMVECLRNKNYKELIQQTITPA
TYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLG VNNQGEGLKFVDGVDNEDGVTPNDFDFSVS
NFVDNLYGYPEGKDTLRETIKFMYTDWADKENPETRRKTLVALFTD HQWVAPAVATADLHAQYG
SPTYFYAFYHHCQSEM KPSWADSAHGDEVPIYVFGIPMIGPTELFSCNFSKNDVMLS AVVMTYWT
NFAKTGDPNQPV PQDTKFIHTKPNRFEEVAWSKY NPKDQLYLHIGLKPRVRDHYRATKVAFWLEL
VPHLHNLNEIFQYVSTTTKVPPD MTSFPYGTRRSPAKWPTTKRPAITPANNPKH SKDPHKTGPE
DTTVLIETKRDYSEL SVTIAVGASLLFLNLAFAALYKKDKRRHETHRRPSPQRNTTNDIAHIQNEEI
MSLQMKQLEHDHECESLQAHDTLRLTCPDYLTLRRSPDDIPLMTPNTITMIPNTLTGMQPLHTFN
TFSGGQNSTNLPHGHSTTRV

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

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

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[Protocol Download](#)

• Immunoprecipitation

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[Protocol Download](#)

Gene Info — NLGN4X

Entrez GeneID

[57502](#)

GeneBank Accession#

[NM_020742.2](#)

Protein Accession#	NP_065793.1
Gene Name	NLGN4X
Gene Alias	ASPGX2, AUTSX2, HLNX, HNLX, KIAA1260, MGC22376, NLGN, NLGN4
Gene Description	neuroligin 4, X-linked
Omim ID	300427 300495 300497
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. The encoded protein interacts with discs, large (Drosophila) homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000022863 OTTHUMP00000022864 OTTHUMP00000022865 X-linked neuroligin 4 neuroligin X

Pathway

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

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Retardation](#)
- [NARP](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Social Perception](#)