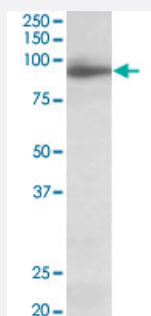


NLGN4X polyclonal antibody

Catalog # PAB25464 Size 100 ug

Applications



Western Blot (Tissue lysate)

NLGN4X polyclonal antibody (Cat # PAB25464) (1 ug/mL) staining of human amygdala lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NLGN4X.
Immunogen	A synthetic peptide corresponding to amino acids 51-65 at internal region of human NLGN4X.
Sequence	CNYGKIRGLRTPNE
Host	Goat
Theoretical MW (kDa)	90
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

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

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

NLGN4X polyclonal antibody (Cat # PAB25464) (1 ug/mL) staining of human amygdala lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NLGN4X

Entrez GeneID[57502](#)**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](#)