

# NLGN4Y Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant NLGN4Y.

Catalog # AT3063a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q8NFZ3</a>
<b>Other Accession</b>	<a href="#">BC032567</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 kappa
<b>Clone Names</b>	1E5
<b>Calculated MW</b>	92021

## Additional Information

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<b>Gene ID</b>	22829
<b>Other Names</b>	Neurologin-4, Y-linked, Neurologin Y, NLGN4Y, KIAA0951
<b>Target/Specificity</b>	NLGN4Y (AAH32567, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	NLGN4Y Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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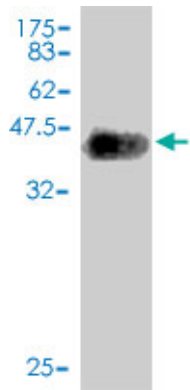
Neurologins, such as NLGN4Y, are cell adhesion molecules present at the postsynaptic side of the synapse and may be essential for the formation of functional synapses (Jamain et al., 2003 [PubMed 12669065]).

## References

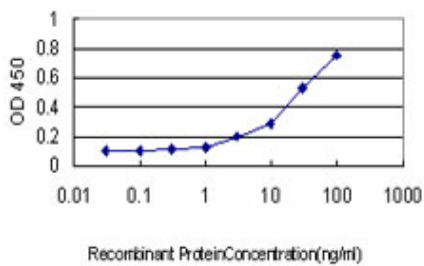
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Association of Y chromosome haplotypes with autism. Serajee FJ, et al. J Child Neurol, 2009 Oct. PMID 19605777. Analysis of the neurologin 4Y gene in patients with autism. Yan J, et al. Psychiatr Genet, 2008 Aug. PMID 18628683. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. Neurologins 3 and 4X interact with syntrophin-gamma2, and the interactions are affected by autism-related mutations. Yamakawa H, et al. Biochem Biophys Res Commun,

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.48 KDa) .



Detection limit for recombinant GST tagged NLGN4Y is approximately 0.1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.