

## NLGN4Y rabbit monoclonal antibody

Catalog # H00022829-K

Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human NLGN4Y peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human NLGN4Y is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human NLGN4Y peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	<ol style="list-style-type: none"><li>1. Customer may provide cell or tissue lysate for antibody screening.</li><li>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)<sub>2</sub>, IgG, scFv and different Fc and non-Fc conjugates per customer request.</li></ol>

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — NLGN4Y

Entrez GeneID	<a href="#">22829</a>
GeneBank Accession#	<a href="#">NLGN4Y</a>
Gene Name	NLGN4Y
Gene Alias	KIAA0951
Gene Description	neuroligin 4, Y-linked
Omim ID	<a href="#">400028</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Neuroligins, 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 [Pub Med 12669065]).[supplied by OMIM]
Other Designations	OTTHUMP00000034787 OTTHUMP00000034789 neuroligin 4, Y linked

## Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)