

Datasheet for ABIN6657926  
**anti-Nlgn4l antibody (AA 782-945) (FITC)**



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## Overview

Quantity:	100 µg
Target:	Nlgn4l (NLGN4L)
Binding Specificity:	AA 782-945
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nlgn4l antibody is conjugated to FITC
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Fluorescence Microscopy (FM), ELISA

## Product Details

Purpose:	Neuroigin 4 Antibody Fluorescein
Immunogen:	Anti-Neuroigin 4 Antibody was produced by repeated immunization of mice with a fusion protein containing amino acids 782-945 of mouse Neuroigin 4.
Clone:	S98-7
Isotype:	IgG1
Cross-Reactivity (Details):	BLAST analysis suggests that it is ~45 % identical to Neuroigin -1, -2, and -3.
Purification:	Anti-Neuroigin 4 Antibody was purified from concentrated tissue culture supernate by Protein G chromatography.
Sterility:	Sterile filtered

## Target Details

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Target: Nlgn4l (NLGN4L)

Alternative Name: Nlgn4l ([NLGN4L Products](#))

Background: Synonyms: ASPGX2 antibody, AUTSX2 antibody, HLNx antibody, HNLX antibody, KIAA1260 antibody, MGC22376 antibody, NLGN antibody, NLGN4 antibody, NLGN4X antibody, neuroligin-4 X-linked antibody, neuroligin X antibody, neuroligin 4, X-linked antibody

Background: 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. Anti-Neuroigin-4 is ideal for research in Neuroscience, including synaptic transmission and GABAergic inhibition, as well as Cell Adhesion.

Gene Name: Neuroigin 4

Gene ID: 100113365

UniProt: [B0F2B4](#)

## Application Details

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Application Notes: ELISA\_Dilution: 1:10,000  
Immunohistochemistry\_Dilution: 1:100  
IF\_Microscopy\_Dilution: User Optimized  
Western\_Blots\_Dilution: 1:1000

Comment: Anti-Neuroigin 4 FITC Conjugated Antibody is tested for Western Blots, Immunofluorescence (Primary) and Immunocytochemistry. Expect a band approximately ~125-130kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  
Stabilizer: 50 % (v/v) Glycerol  
Preservative: 0.1 % (w/v) Sodium Azide

## Handling

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Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months