



[Go to Product page](#)

Datasheet for ABIN7161318

## anti-Neuroigin 3 antibody (AA 642-783)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	Neuroigin 3 (NLGN3)
Binding Specificity:	AA 642-783
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuroigin 3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant Human Neuroigin-3 protein (642-783AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

#### Target Details

Target:	Neuroigin 3 (NLGN3)
Alternative Name:	NLGN3 ( <a href="#">NLGN3 Products</a> )
Background:	Background: Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members. Plays a role in synapse function and synaptic signal transmission,

## Target Details

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and may mediate its effects by clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. May also play a role in glia-glia or glia-neuron interactions in the developing peripheral nervous system (By similarity).

Aliases: Gliotactin homolog antibody, HNL3 antibody, Neuroligin-3 antibody, Nlgn3 antibody, NLGN3\_HUMAN antibody

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UniProt: [Q9NZ94](#)

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Pathways: [Synaptic Membrane](#)

## Application Details

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Application Notes: Recommended dilution: IF:1:200-1:500,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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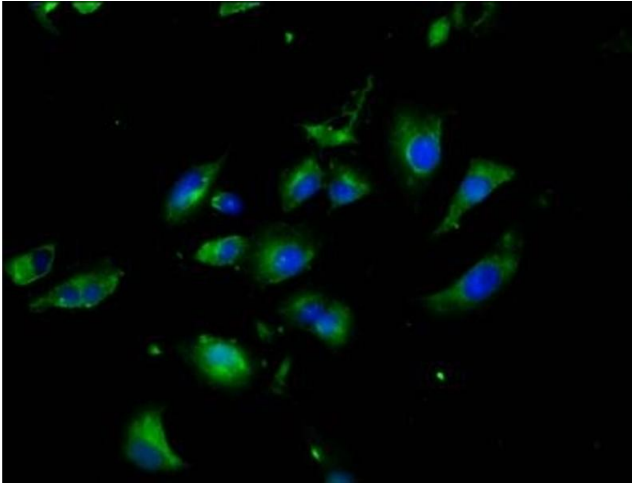
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunofluorescence

**Image 1.** Immunofluorescence staining of U251 cells with ABIN7161318 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).