

Datasheet for ABIN7043362

**anti-Neurologin 2 antibody (Extracellular, N-Term)**[Go to Product page](#)**4** Images

## Overview

Quantity:	25 µL
Target:	Neurologin 2 (NLGN2)
Binding Specificity:	AA 657-670, Extracellular, N-Term
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Live Cell Imaging (LCI)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)DLGPRAYDRFPGDS, corresponding to amino acid residues 657-670 of rat NLGN2
Isotype:	IgG
Characteristics:	Anti-Neurologin 2 (extracellular) Antibody is directed against an extracellular epitope of rat Neurologin 2. Anti-Neurologin 2 (extracellular) Antibody (ABIN7043362, ABIN7044682 and ABIN7044683)) can be used in western blot, immunohistochemistry and immunocytochemistry applications. It has been designed to recognize NLGN2 from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

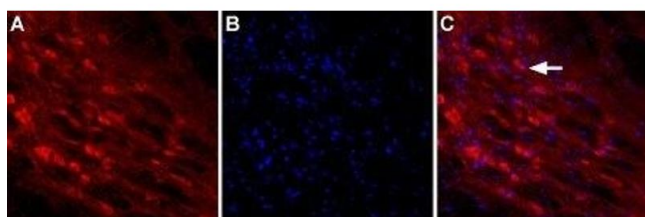
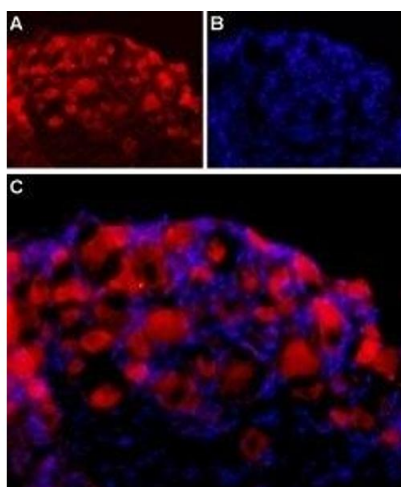
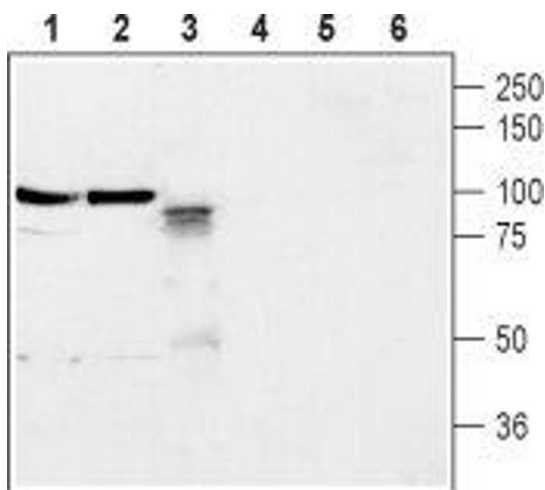
Target:	Neurologin 2 (NLGN2)
Alternative Name:	Neurologin 2 ( <a href="#">NLGN2 Products</a> )
Background:	Alternative names: Neurologin 2, NLGN2, NL2
Gene ID:	117096
NCBI Accession:	<a href="#">NM_020795</a>
UniProt:	<a href="#">Q62888</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a> , <a href="#">Synaptic Membrane</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.85 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
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:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



### Western Blotting

**Image 1.** Western blot analysis of rat brain membrane (lanes 1 and 4), mouse brain membrane (lanes 2 and 5) and rat PC12 pheochromocytoma cells (lanes 3 and 6): - 1-3. Anti-Neuroigin 2 (extracellular) Antibody (ABIN7043362, ABIN7044682 and ABIN7044683), (1:400).4-6. Anti-Neuroigin 2 (extracellular) Antibody, preincubated with Neuroigin 2 (extracellular) Blocking Peptide (#BLP-NR036).

### Immunohistochemistry

**Image 2.** Expression of NLGN2 in rat DRG - Immunohistochemical staining of adult rat dorsal root ganglion (DRG) using Anti-Neuroigin 2 (extracellular) Antibody (ABIN7043362, ABIN7044682 and ABIN7044683) followed by goat anti-rabbit-AlexaFluor-594 secondary antibody. A. NLGN2 labeling (red) appears in the cell bodies of the DRG neurons. B. Nuclear staining using DAPI as the counter stain (blue). C. Merged image of A and B.

### Immunohistochemistry

**Image 3.** Expression of NLGN2 in rat brain - Immunohistochemical staining of rat reticular thalamic nucleus using Anti-Neuroigin 2 (extracellular) Antibody (ABIN7043362, ABIN7044682 and ABIN7044683). A. NLGN2 staining (red) is detected in neuronal outlines (arrow). B. Nucleus staining using DAPI as the counterstain. C. Merged images of A and B.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7043362.