



[Go to Product page](#)

Datasheet for ABIN185446

anti-Neuroigin 1 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	Neuroigin 1 (NLGN1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Neuroigin 1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Neuroigin 1
Immunogen:	Peptide with sequence C-TAKQDDPKQQ, from the internal region of the protein sequence according to NP_055747.1.
Sequence:	TAKQDDPKQQ
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

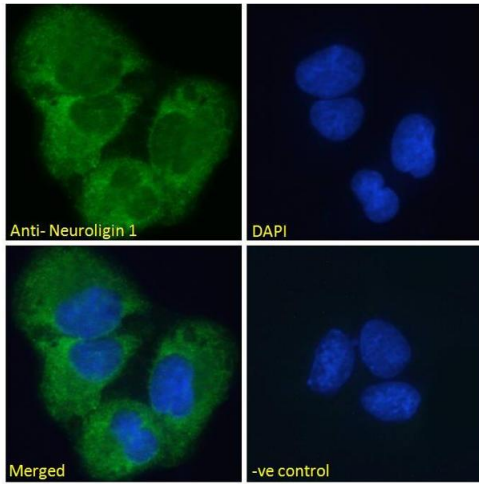
Target:	Neurologin 1 (NLGN1)
Alternative Name:	NLGN1 (NLGN1 Products)
Background:	NLGN1, KIAA1070, MGC45115, neurologin 1, OTTHUMP00000211275, OTTHUMP00000211276
Gene ID:	22871
NCBI Accession:	NP_055747
Pathways:	Synaptic Membrane , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 150 kDa band in Human Brain lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 92.0 k Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the membranes/ cytoplasm of U251 and U2OS cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

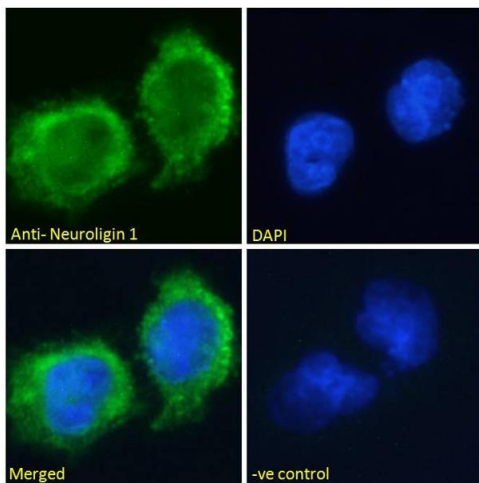
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. ABIN185446 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane/cytoplasmic staining. The nuclear stain i



Immunofluorescence

Image 2. ABIN185446 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane/cytoplasmic staining. The nuclear stain i