

## Datasheet for ABIN238626 anti-Neuroigin 3 antibody (Internal Region)

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#### Overview

Quantity:	100 µg
Target:	Neuroigin 3 (NLGN3)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Neuroigin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Neuroigin 3
Immunogen:	Peptide with sequence C-RKDKRRQEPLRQPS, from the internal region of the protein sequence according to NP_061850.2.
Sequence:	RKDKRRQEPL RQPS
Isotype:	IgG
Cross-Reactivity:	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

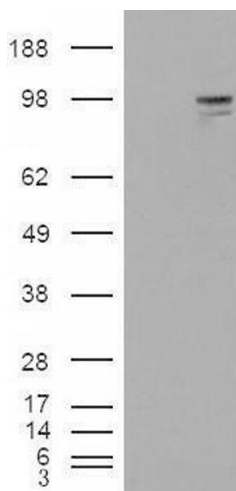
Target:	Neurologin 3 (NLGN3)
Alternative Name:	NLGN3 ( <a href="#">NLGN3 Products</a> )
Background:	Neurologin 3, KIAA1480, ASPGX1, AUTSX1, HNL3, NLGN3
Gene ID:	54413
NCBI Accession:	<a href="#">NP_061850</a>
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

Application Notes:	Western Blot: Approx. 85-90 kDa band observed in Human Brain (Amygdala) lysates (calculated MW of 91.6 kDa according to NP_061850.2). In transfected HEK293 transiently expressing Neuregulin3 a band of approx. 98 kDa is observed. This band is not observed in Peptide ELISA: antibody detection limit dilution 1:16000.
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.



#### Western Blotting

**Image 1.** HEK293 overexpressing Neuregulin3 (ABIN5357577) and probed with ABIN238626 (mock transfection in first lane).



**Image 2.** ABIN238626 (0.1µg/ml) staining of Human Brain (Amygdala) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.