

Datasheet for ABIN7091458

anti-Neurologin 1 antibody (AA 621-720) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Neurologin 1 (NLGN1)
Binding Specificity:	AA 621-720
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurologin 1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Neurologin 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Neurologin 1 (NLGN1)
Alternative Name:	Neurologin 1 (NLGN1 Products)
Background:	Synonyms: NLG 1, KIAA1070, MGC45115, NLG1, Neurologin-1, NLGN1, NLGN1_HUMAN.

Target Details

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, and probably mediates its effects by recruiting and clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. In vitro, triggers the de novo formation of presynaptic structures. May be involved in specification of excitatory synapses. Subunit : Interacts with NRXN1, NRXN2 and NRXN3. Interacts with NLGN3. Interacts with AIP1 and PDZRN3. Interacts (via its C-terminus) with DLG4/PSD-95 (via PDZ domain 3). Interacts with GOPC.

Gene ID:	22871
UniProt:	Q8N2Q7
Pathways:	Synaptic Membrane , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

Handling

Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months