

Purified anti-Neuroigin-1 Antibody (Previously Covance catalog# MMS-5165)

Catalog# / Size	819001 / 100 µL
Clone	N97A/31
Regulatory Status	RUO
Other Names	Neuroigin-1, neuroigin I
Previously	Covance Catalog# MMS-5165
Isotype	Mouse IgG1, κ
Description	Neuroigin is a postsynaptic membrane protein that binds to Neurexin, helping to form and maintain neuronal synapses. Within the postsynaptic neuron, it binds to proteins such as PSD-95, which recruits receptors and channels to the synapse.

Product Details

Verified Reactivity	Human, Mouse, Rat
Antibody Type	Monoclonal
Host Species	Mouse
Immunogen	This monoclonal antibody was raised against a fusion protein corresponding to amino acids 718-843 of rat Neuroigin-1 protein.
Formulation	Phosphate-buffered solution.
Preparation	The antibody was purified by affinity chromatography.
Concentration	1 mg/ml
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C. Please note the storage condition for this antibody has been changed from -20°C to between 2°C and 8°C. You can also check your vial or your CoA to find the most accurate storage condition for this antibody.
Application	IHC-P - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by formalin-fixed paraffin-embedded immunohistochemical staining. For immunohistochemistry, a concentration of 10.0 µg/mL is suggested. It is recommended that the reagent be titrated for optimal performance for each application.
RRID	AB_2564826 (BioLegend Cat. No. 819001)

Antigen Details

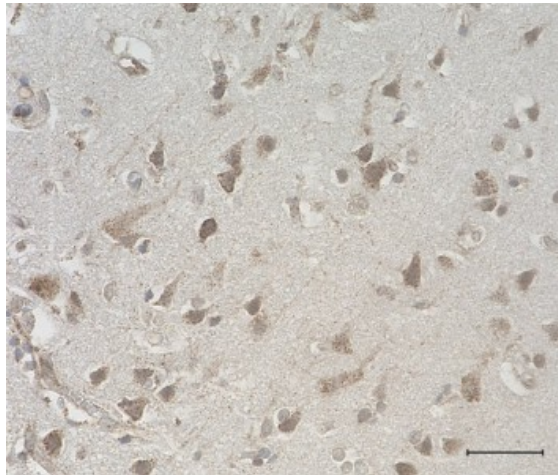
Structure	Expected MW: 120 kD
Biology Area	Cell Biology, Neuroscience, Synaptic Biology
Molecular Family	Adhesion Molecules
Gene ID	116647

Related Protocols

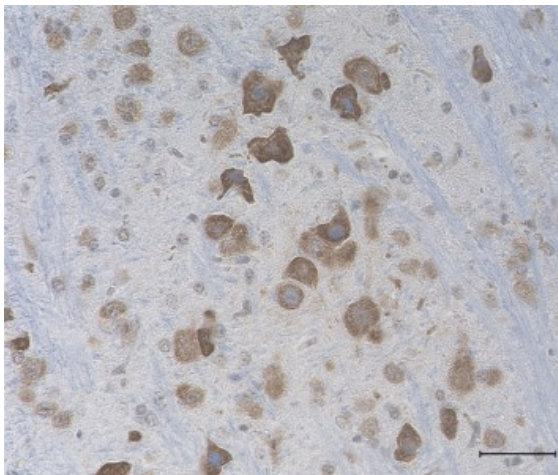
Other Formats

Purified anti-Neurologin-1

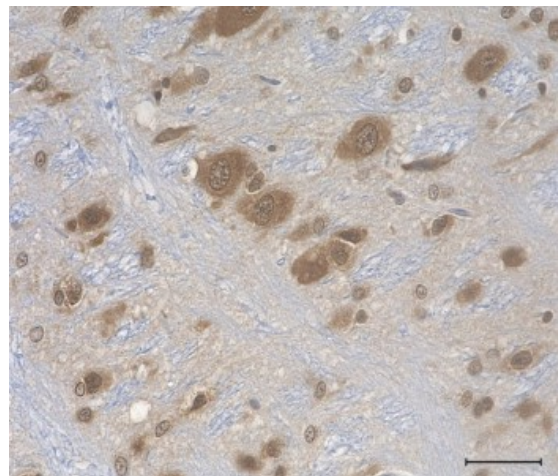
Product Data



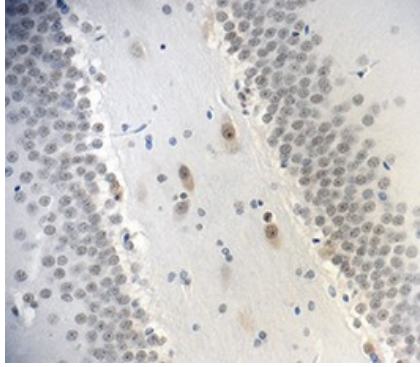
IHC staining of purified anti-Neurologin-1 antibody (clone N97A/31) on formalin-fixed paraffin-embedded human brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R., the tissue was incubated with 10 µg/mL of the primary antibody overnight at 4°C. BioLegend's Ultra-Streptavidin (USA) HRP Detection Kit (Multi-Species, DAB, Cat. No. 929901) was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective. Scale bar: 50 µm



IHC staining of purified anti-Neurologin-1 antibody (clone N97A/31) on formalin-fixed paraffin-embedded mouse brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R., the tissue was incubated with 10 µg/mL of the primary antibody overnight at 4°C. BioLegend's Ultra-Streptavidin (USA) HRP Detection Kit (Multi-Species, DAB, Cat. No. 929901) was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective. Scale bar: 50 µm



IHC staining of purified anti-Neurologin-1 antibody (clone N97A/31) on formalin-fixed paraffin-embedded rat brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R., the tissue was incubated with 10 µg/mL of the primary antibody overnight at 4°C. BioLegend's Ultra-Streptavidin (USA) HRP Detection Kit (Multi-Species, DAB, Cat. No. 929901) was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective. Scale bar: 50 µm



IHC staining of purified anti-Neurologin-1 antibody (clone N97A/31) on formalin-fixed paraffin-embedded rat brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R., the tissue was incubated with 10 µg/mL of the primary antibody overnight at 4°C. BioLegend's Ultra-Streptavidin (USA) HRP Detection Kit (Multi-Species, DAB, Cat. No. 929901) was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective.

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