

Purified anti-g protocadherin A (pan reactive) Antibody (Previously Covance catalog# MMS-5171)

Catalog# / Size	819201 / 100 µL
Clone	N144/32
Regulatory Status	RUO
Other Names	Protocadherin gamma-A3, PCDH-gamma-A3
Previously	Covance Catalog# MMS-5171
Isotype	Mouse IgG2b, κ
Description	Protocadherins are a group of self adhering molecules belonging to the cadherin superfamily of proteins. They are predominantly expressed in neurons in widely diverse array. Unlike cadherin proteins, protocadherins do not bind to intracellular catenin molecules.

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 720-804 (variable cytoplasmic domain) of mouse Gamma protocadherin-A3.
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	WB - Quality tested IHC-P - Verified
Recommended Usage	Each lot of this antibody is quality control tested by western blotting. For western blotting, the suggested use of this reagent is 5.0 - 10.0 µg/mL. For immunohistochemistry on paraffin-embedded tissue, 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_2564828 (BioLegend Cat. No. 819201)

Antigen Details

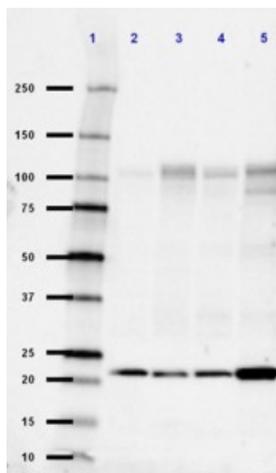
Structure	Expected MW: 100 kD
Biology Area	Cell Biology, Neuroscience, Synaptic Biology
Molecular Family	Adhesion Molecules
Gene ID	93711

Related Protocols

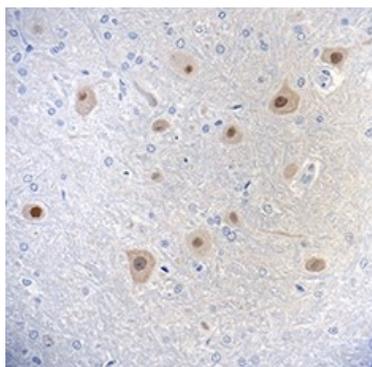
Other Formats

Purified anti-g protocadherin A (pan reactive)

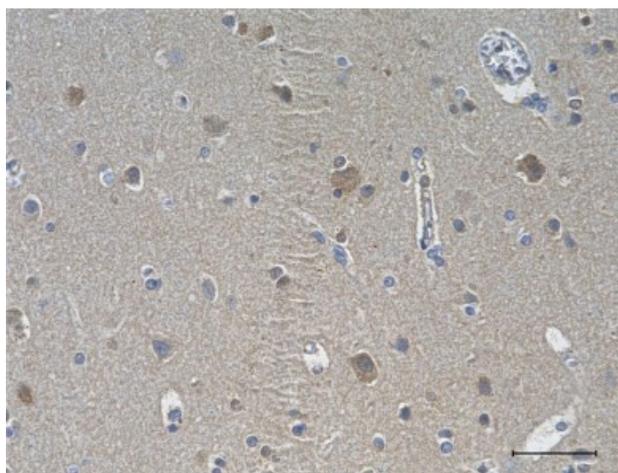
Product Data



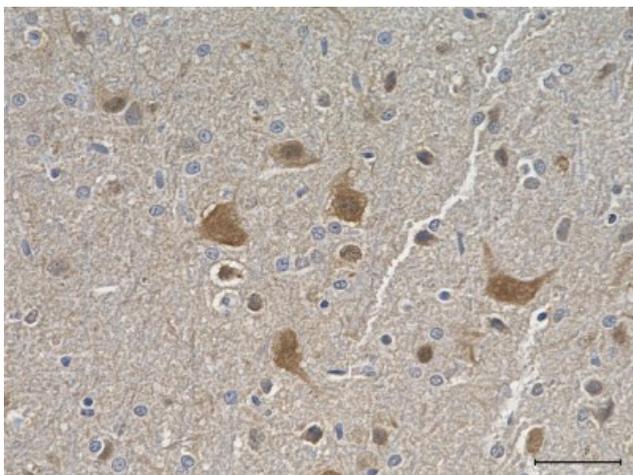
Western blot of purified anti-g protocadherin A (pan reactive) antibody (clone N144/32). Lane 1: Molecular weight marker; Lane 2: 20 μ g of human brain membrane lysate; Lane 3: 20 μ g of mouse brain membrane lysate; Lane 4: 20 μ g of rat brain membrane lysate; Lane 5: 20 μ g of embryonic mouse brain lysate. The blot was incubated with 5 μ g/mL of the primary antibody overnight at 4°C, followed by incubation with HRP goat anti-mouse IgG antibody (Cat. No. 405306). Enhanced chemiluminescence was used as the detection system.



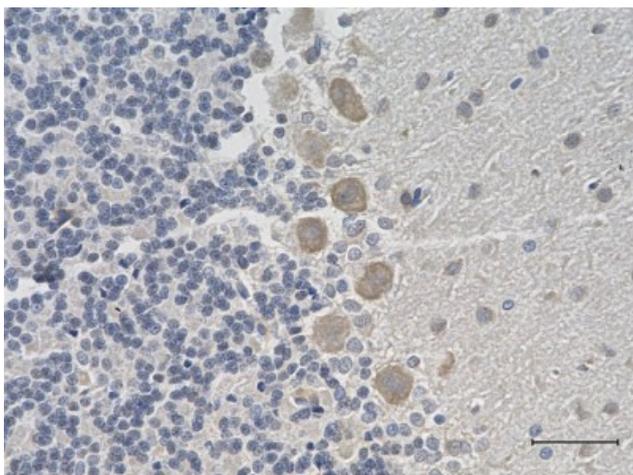
IHC staining of purified anti-g protocadherin A (pan reactive) antibody (clone N144/32) on formalin-fixed paraffin-embedded rat brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R., the tissue was incubated with 10 μ g/mL of the primary antibody overnight at 4°C. BioLegend's Ultra-Streptavidin (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.



IHC staining of purified anti-g protocadherin A (pan reactive) antibody (clone N144/32) on formalin-fixed paraffin-embedded human brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R., the tissue was incubated with 10 μ g/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 μ m



IHC staining of purified anti-g protocadherin A (pan reactive) antibody (clone N144/32) 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-g protocadherin A (pan reactive) antibody (clone N144/32) 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

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