

Product Datasheet

PPP1R9B/Spinophilin Antibody AF6465-SP

Unit Size: 25 ug

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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AF6465-SP**PPP1R9B/Spinophilin Antibody**

Product Information	
Unit Size	25 ug
Concentration	LYOPH mg/ml
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Sterile PBS to a final concentration of 0.2 mg/mL.
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. *Small pack size (SP) is supplied as a 0.2 µm filtered solution in PBS.

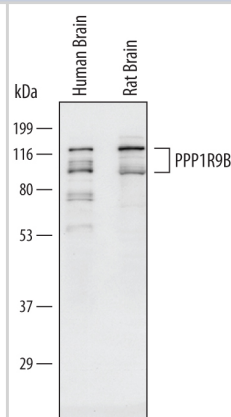
Product Description	
Host	Sheep
Gene ID	84687
Gene Symbol	PPP1R9B
Species	Human, Rat
Specificity/Sensitivity	Detects human and rat PPP1R9B in Western blots.
Immunogen	<i>E. coli</i> -derived recombinant human PPP1R9B Lys289-Asp412 Accession # Q96SB3
Notes	This product is produced by and ships from R&D Systems, Inc., a Bio-Techne brand.

Product Application Details	
Applications	Western Blot, Immunocytochemistry
Recommended Dilutions	Western Blot 1 ug/mL, Immunocytochemistry 5-15 ug/mL

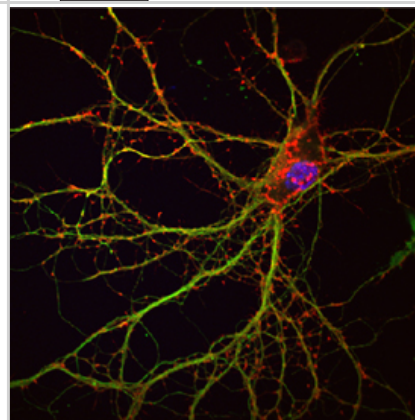


Images

Western blot shows lysates of human brain tissue and rat brain tissue. PVDF Membrane was probed with 1 µg/mL of Human/Rat PPP1R9B Antigen Affinity-purified Polyclonal Antibody (Catalog # AF6465) followed by HRP-conjugated Anti-Sheep IgG Secondary Antibody (Catalog # [HAF016](#)). Specific bands were detected for PPP1R9B at approximately 90-120 kDa (as indicated). This experiment was conducted under reducing conditions and using [Immunoblot Buffer Group 1](#).



PPP1R9B was detected in immersion fixed rat hippocampal neurons (E18) using Sheep Anti-Human/Rat PPP1R9B Antigen Affinity-purified Polyclonal Antibody (Catalog # AF6465) at 10 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Sheep IgG Secondary Antibody (red; Catalog # [NL010](#)) and counterstained with DAPI (blue). Specific staining was localized to synapses. Cells were co-stained using Neuron-specific beta-III Tubulin Monoclonal Antibody (Catalog # [MAB1195](#)) and the NorthernLights™ 493-conjugated Anti-Mouse IgG Secondary Antibody (green; Catalog # [NL009](#)). View our protocol for [Fluorescent ICC Staining of Cells on Coverslips](#).





Novus Biologicals USA

8100 Southpark Way, A-8
Littleton, CO 80120
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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