

Product Datasheet

IP3R1 Antibody (HL1541) - Azide and BSA Free NBP3-25535

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-25535

IP3R1 Antibody (HL1541) - Azide and BSA Free

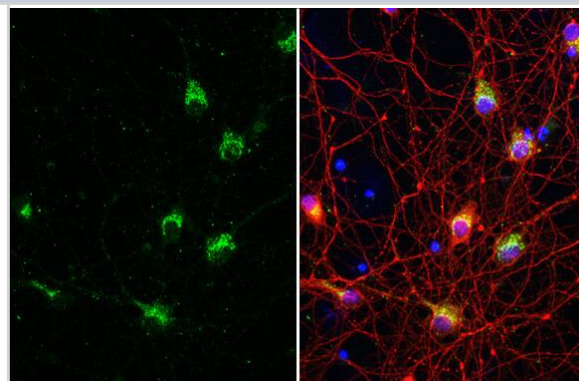
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1541
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit IP3R1 Antibody (HL1541) - Azide and BSA Free (NBP3-25535) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3708
Gene Symbol	ITPR1
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Chicken (84%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human IP3R1. The exact sequence is proprietary.

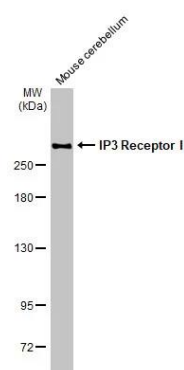
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:1000

Images

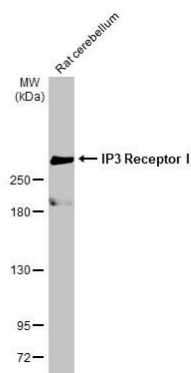
Immunocytochemistry/Immunofluorescence: IP3R1 Antibody (HL1541) - Azide and BSA Free [NBP3-25535] - IP3 Receptor I antibody [HL1541] detects IP3 Receptor I protein at endoplasmic reticulum by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: IP3 Receptor I stained by IP3 Receptor I antibody [HL1541] (NBP3-25535) diluted at 1:250. Red: Tau, an axon marker, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .



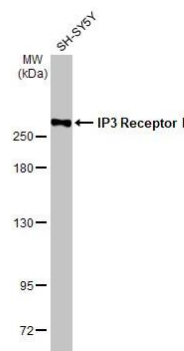
Western Blot: IP3R1 Antibody (HL1541) - Azide and BSA Free [NBP3-25535] - Mouse tissue extract (50 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with IP3 Receptor I antibody [HL1541] (NBP3-25535) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



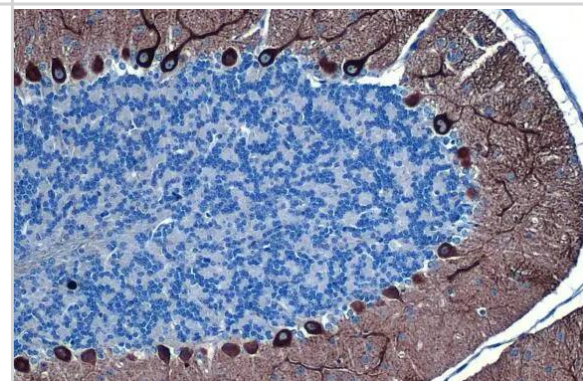
Western Blot: IP3R1 Antibody (HL1541) - Azide and BSA Free [NBP3-25535] - Rat tissue extract (50 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with IP3 Receptor I antibody [HL1541] (NBP3-25535) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



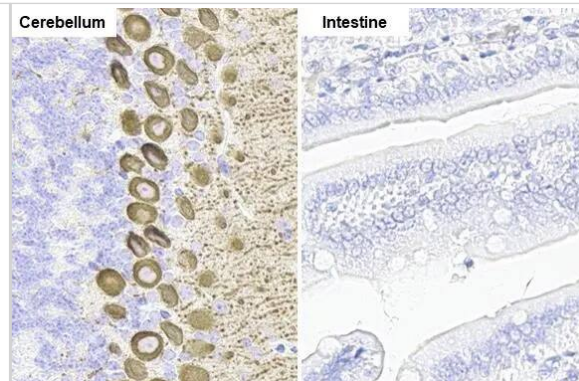
Western Blot: IP3R1 Antibody (HL1541) - Azide and BSA Free [NBP3-25535] - Whole cell extract (30 Aug) was separated by 5% SDS-PAGE, and the membrane was blotted with IP3 Receptor I antibody [HL1541] (NBP3-25535) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



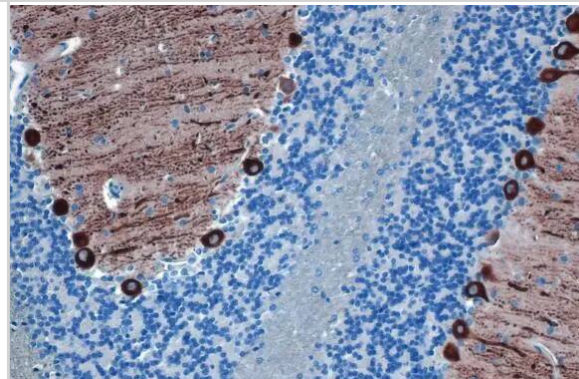
Immunohistochemistry-Paraffin: IP3R1 Antibody (HL1541) - Azide and BSA Free [NBP3-25535] - IP3 Receptor I antibody [HL1541] detects IP3 Receptor I protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse cerebellum. IP3 Receptor I stained by IP3 Receptor I antibody [HL1541] (NBP3-25535) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



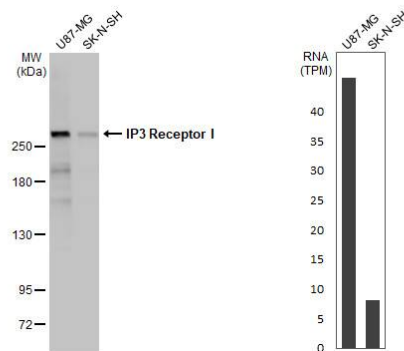
Immunohistochemistry-Paraffin: IP3R1 Antibody (HL1541) - Azide and BSA Free [NBP3-25535] - IP3 Receptor I antibody [HL1541] detects IP3 Receptor I protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissues. IP3 Receptor I stained by IP3 Receptor I antibody [HL1541] (NBP3-25535) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: IP3R1 Antibody (HL1541) - Azide and BSA Free [NBP3-25535] - IP3 Receptor I antibody [HL1541] detects IP3 Receptor I protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat cerebellum. IP3 Receptor I stained by IP3 Receptor I antibody [HL1541] (NBP3-25535) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with IP3R1 antibody [HL1541] (NBP3-25535) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.





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Products Related to NBP3-25535

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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