

Product Datasheet

IP3R1 Antibody - BSA Free NBP1-83104

Unit Size: 0.1 ml

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

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Publications: 1

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Updated 9/9/2025 v.20.1

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NBP1-83104

IP3R1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

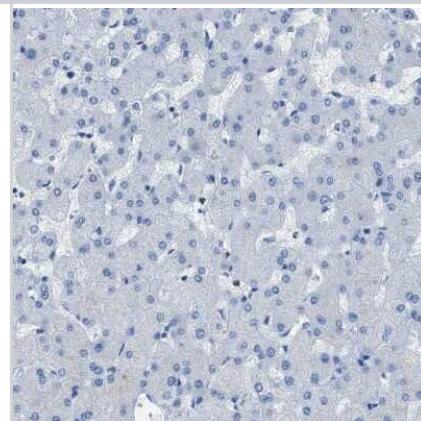
Description	Novus Biologicals Rabbit IP3R1 Antibody - BSA Free (NBP1-83104) is a polyclonal antibody validated for use in IHC. Anti-IP3R1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3708
Gene Symbol	ITPR1
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25329695).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FFKVFYDRMKVAQQEIKATVTVNTSDLGNKKKDDEVDRDAPSRKKAKEPTTQIT EEVRDQLLEASAATRKAFTTFRRREADPDDHYQPGEQTQATADKAKDDLEMSA VITIMQPILRFLQLLCENHNRDLQNFLRC

Product Application Details

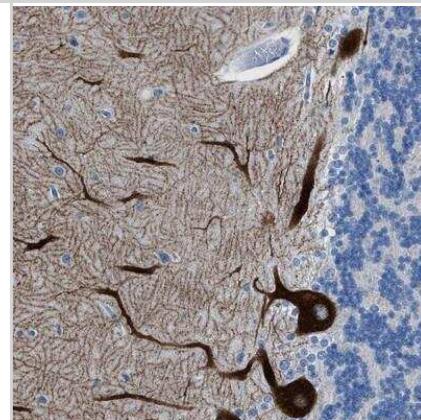
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC reported in scientific literature (PMID: 25329695). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

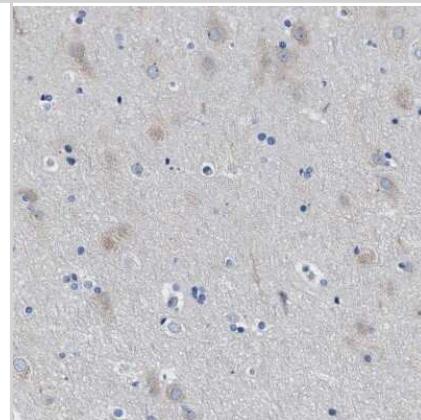
Immunohistochemistry-Paraffin: IP3R1 Antibody [NBP1-83104] -
Staining of human liver shows no positivity in hepatocytes as expected.



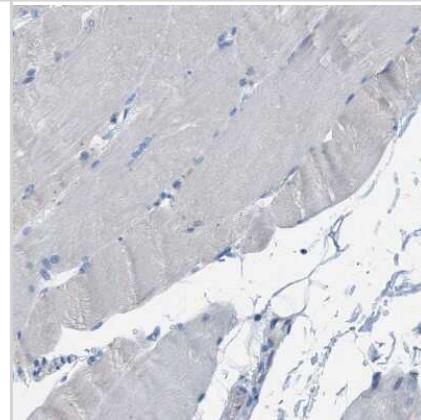
Immunohistochemistry-Paraffin: IP3R1 Antibody [NBP1-83104] -
Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: IP3R1 Antibody [NBP1-83104] -
Staining of human cerebral cortex shows weak to moderate cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: IP3R1 Antibody [NBP1-83104] -
Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Klar J, Hisatsune C, Baig SM et al. Abolished InsP3R2 function inhibits sweat secretion in both humans and mice. *J Clin Invest* 2014-11-01 [PMID: 25329695] (IF/IHC, Human)



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Products Related to NBP1-83104

NBP1-83104PEP	IP3R1 Recombinant Protein Antigen
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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