

# Product Datasheet

## IP3R1 Antibody (4Z1B6)

### NBP3-16414-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16414-100ul**

IP3R1 Antibody (4Z1B6)

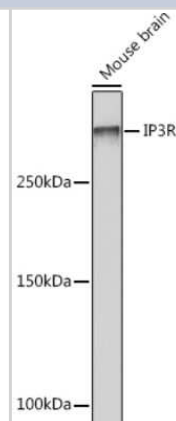
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4Z1B6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 0.05% BSA, 50% glycerol, pH7.3

Product Description	
Host	Rabbit
Gene ID	3708
Gene Symbol	ITPR1
Species	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 2200-2300 of human IP3R1 (Q14643). HTAQIEIVRLDRTMEQIVFPVPSICEFLTKEKSLRIYYTTERDEQGSKINDFFLRS EDLFNEMNWQKLLRAQPVLWYWCARNMSFWSSISFNLAFLMNLVA

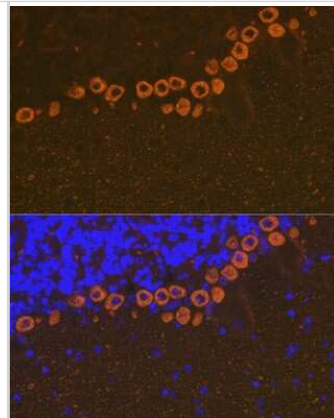
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

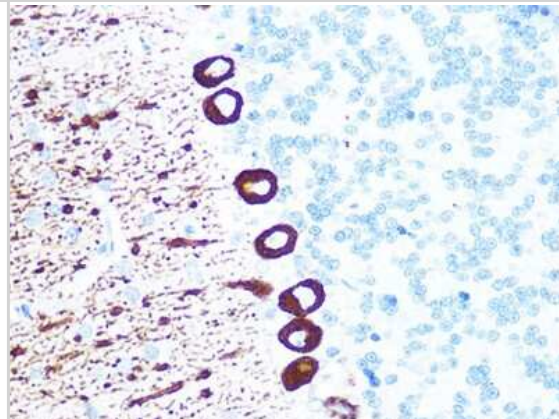
Western Blot: IP3R1 Antibody (4Z1B6) [NBP3-16414] - Western blot analysis of extracts of Mouse brain, using IP3R1 Rabbit mAb (NBP3-16414) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



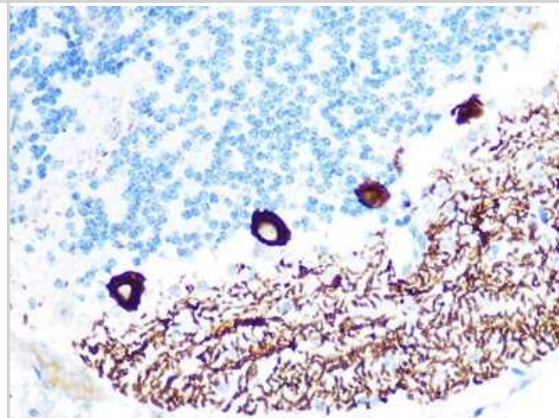
Immunohistochemistry: IP3R1 Antibody (4Z1B6) [NBP3-16414] - Immunofluorescence analysis of mouse brain using IP3R1 Rabbit mAb (NBP3-16414) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



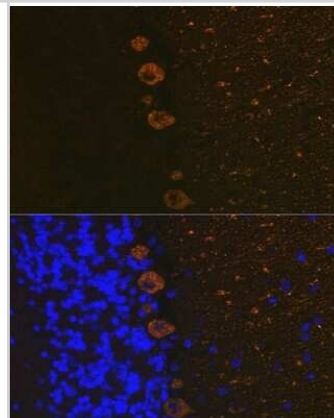
Immunohistochemistry-Paraffin: IP3R1 Antibody (4Z1B6) [NBP3-16414] - Immunohistochemistry of paraffin-embedded rat brain using IP3R1 Rabbit mAb (NBP3-16414) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: IP3R1 Antibody (4Z1B6) [NBP3-16414] - Immunohistochemistry of paraffin-embedded mouse brain using IP3R1 Rabbit mAb (NBP3-16414) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry: IP3R1 Antibody (4Z1B6) [NBP3-16414] - Immunofluorescence analysis of rat brain using IP3R1 Rabbit mAb (NBP3-16414) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.





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### **Products Related to NBP3-16414-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003708-Q01-10ug	Recombinant Human IP3R1 GST (N-Term) Protein

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### **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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