

Product Datasheet

IP3R1 Antibody NBP2-22458

Unit Size: 100 uL

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

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NBP2-22458

IP3R1 Antibody

Product Information

Unit Size	100 uL
Concentration	1.3 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

Product Description

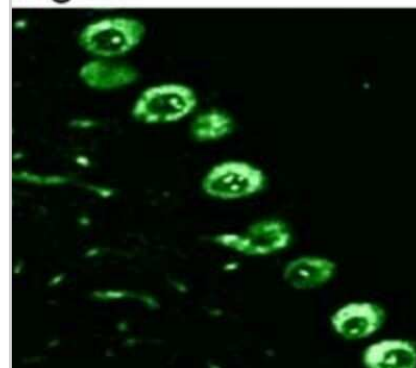
Host	Rabbit
Gene ID	3708
Gene Symbol	ITPR1
Species	Mouse, Rat, Canine
Immunogen	Synthetic Peptide: N(1829) K K K D D E V D R D A P S R K K A K E(1848)

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 3 - 5 ug / 10 ⁶ cells, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 2 ug/ml, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Frozen 1:250
Application Notes	WB: Detects an approx. 240 kDa protein representing IP3R-I from rat and mouse brain extract.

Images

Immunocytochemistry/Immunofluorescence: IP3R1 Antibody [NBP2-22458] - Immunolocalization of IP3 receptor type I in rat cerebellum.

Fig. 1**Publications**

Hema Saranya Ilamathi, Sara Benhammouda, Laurent Chatel-Chaix, Marc Germain Protocol for measuring interorganelle contact sites in primary cells using a modified proximity ligation assay. STAR protocols 2024-03-20 [PMID: 38393951]

Ilamathi H, Benhammouda S, Lounas A et al. Contact sites between endoplasmic reticulum sheets and mitochondria regulate mitochondrial DNA replication and segregation iScience 2023-06-01 [PMID: 37534187] (ICC/IF, Human)



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Products Related to NBP2-22458

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

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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