

Product Datasheet

Ryanodine Receptor 2 Antibody (C3-33) - BSA Free NBP2-80143

Unit Size: 100 ug

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-80143

Updated 4/3/2022 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-80143



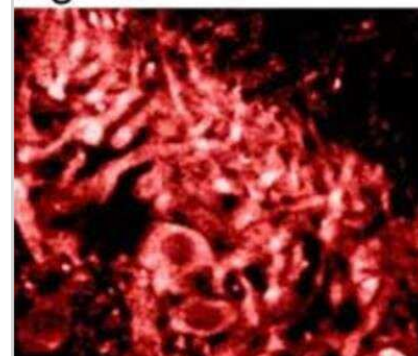
NBP2-80143**Ryanodine Receptor 2 Antibody (C3-33) - BSA Free**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 degrees C. Avoid freeze/thaw cycles.
Clonality	Monoclonal
Clone	C3-33
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	6262
Gene Symbol	RYR2
Species	Human, Mouse, Rat, Porcine, Amphibian, Bovine, Canine, Chicken, Fish, Guinea Pig, Rabbit
Specificity/Sensitivity	Detects Ryanodine Receptor 2. Also shows cross-reactivity with Ryanodine Receptor 1 in amphibian, canine, chicken, fish, guinea pig and rat tissues.
Immunogen	Canine cardiac ryanodine receptor (RyR2)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1 ug/ml, Immunocytochemistry/Immunofluorescence 1:50, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1 ug/ml, Immunohistochemistry-Frozen 1 ug/ml
Application Notes	<p>WB: Detects an approx. 565 kDa protein representing the ryanodine receptor. In non-mammalian vertebrates, a doublet is seen at 565 kDa representing the alpha and beta isoforms of the receptor.</p> <p>IHC: Staining of RyR in rat cardiac tissue results in intense staining of the myofiber, which is consistent with sarcoplasmic reticulum localization.</p>

Images

Immunocytochemistry/Immunofluorescence: Ryanodine Receptor 2 Antibody (C3-33) [NBP2-80143] - ICC/IF analysis of rat brain hippocampus tissue shows that Ryanodine Receptor 2 Antibody (C3-33) crossreacts with Ryanodine Receptor 2.

Fig. 1



Publications

Yang HW, Lin CY, Lin FZ et al. Phosphodiesterase-1 inhibitor modulates Ca²⁺ regulation in sirtuin 1-deficient mouse cardiomyocytes European journal of pharmacology 2021-09-08 [PMID: 34506778] (WB, Mouse)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

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.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-80143

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-90091PEP	Ryanodine Receptor 2 Recombinant Protein Antigen

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80143

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

