

Product Datasheet

Ryanodine Receptor 1 Antibody

46140002-0.1mg

Unit Size: 0.1 mg

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

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46140002-0.1mg**Ryanodine Receptor 1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	Please see the 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	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20 mM Potassium Phosphate (pH 7.0), 0.15 M NaCl

Product Description	
Host	Rabbit
Gene ID	6261
Gene Symbol	RYR1
Species	Human
Reactivity Notes	Human.
Specificity/Sensitivity	This product is specific for Human RYR1.
Immunogen	This antibody is specific for the C Terminus Region of the target protein.
Notes	Manufactured by SDIX's proprietary Genomic Antibody Technology [®] ; GAT FAQs .

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot, ELISA 1:100-1:2000, Immunoprecipitation
Application Notes	Use in immunoprecipitation reported in scientific literature (PMID: 28228260).

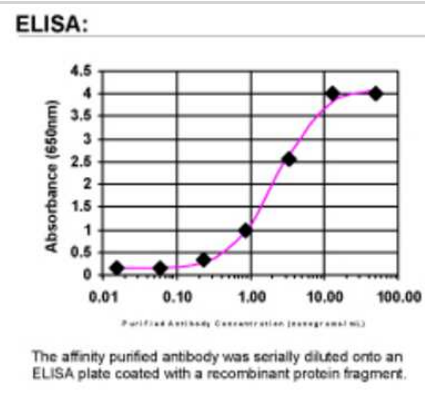


Images

Western Blot: Ryanodine Receptor 1 Antibody [46140002] - Human breast cancer cell MDA-MB-231 was treated with carboplatin for 72 hours and the expression of RyR1 was detected by Western blot. Image from verified customer review.



ELISA: Ryanodine Receptor 1 Antibody [46140002]



Publications

Lu H, Chen I, Shimoda LA et al. Chemotherapy-Induced Ca²⁺ Release Stimulates Breast Cancer Stem Cell Enrichment Cell Rep. 2017-02-21 [PMID: 28228260] (WB, IP, Human)

Details:
The positive impact of HIF inhibitors on breast cancer chemotherapy is explored through GSTO1 knockdown.

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

Details:
Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

Details:
A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.



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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.

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

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