

Product Datasheet

TRPM2 Antibody NB500-241

Unit Size: 100 ul

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB500-241

Updated 7/31/2023 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/NB500-241



NB500-241**TRPM2 Antibody**

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

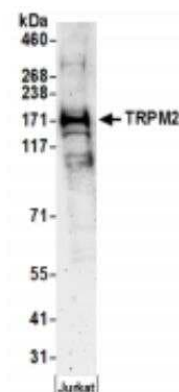
Product Description	
Host	Rabbit
Gene ID	7226
Gene Symbol	TRPM2
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1200 and 1250 of human Transient Receptor Potential Cation Channel, Subfamily M, Member 2 using the numbering given in entry NP_003298.1 (GeneID 7226).

Product Application Details	
Applications	Western Blot, Immunoprecipitation, SDS-Page
Recommended Dilutions	Western Blot 1:500, Immunoprecipitation 1-4 ug/mg lysate, SDS-Page
Application Notes	Use in Page reported in scientific literature (PMID:35328585) Western Blot reported in scientific literature (PMID: 21753080)..

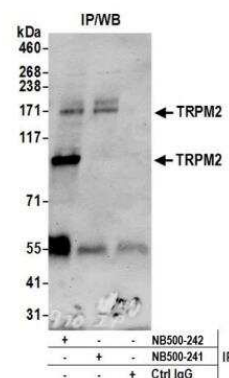


Images

Western Blot: TRPM2 Antibody [NB500-241] - Membrane Prep (50 ug) from Jurkat cells. Antibody: Affinity purified rabbit anti-TRPM2 antibody used for WB at 2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: TRPM2 Antibody [NB500-241] - Detection of human TRPM2 by western blot of immunoprecipitates. Samples: Membrane Prep (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-TRPM2 antibody NB500-241 used for IP at 6 ug per reaction. TRPM2 was also immunoprecipitated by rabbit anti-TRPM2 antibody NB500-242. For blotting immunoprecipitated TRPM2, NB500-241 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Sander S, Gattkowski E, Pick J et al. The crystal structure of TRPM2 MHR1/2 domain reveals a conserved Zn²⁺-binding domain essential for ligand binding and activity Protein Sci 2022-05-31 [PMID: 35634784]

Riekehr WM, Sander S, Pick J et al. cADPR Does Not Activate TRPM2 International journal of molecular sciences 2022-03-15 [PMID: 35328585] (PAGE)

Gattkowski E, Johnsen A, Bauche A et al. Novel CaM-binding motif in its NudT9H domain contributes to temperature sensitivity of TRPM2 Biochim Biophys Acta Mol Cell Res 2018-12-22 [PMID: 30584900] (WB, Human)

Moreau C, Kirchberger T, Swarbrick JM et al. Structure-Activity Relationship of Adenosine 5'-diphosphoribose at the Transient Receptor Potential Melastatin 2 (TRPM2) Channel: Rational Design of Antagonists. J Med Chem 2013-12-27 [PMID: 24304219] (WB, Human)

Partida-Sanchez, S et al. Chemotaxis of Mouse Bone Marrow Neutrophils Dendritic Cells is Controlled by ADP-Ribose, the Major Product Generated by the CD38 Enzyme Reaction. J Immunol; 179: 7827-7839. 2007-12-01 [PMID: 18025229]



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

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/NB500-241

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

