

Product Datasheet

TRPM2 Antibody - BSA Free

NB500-242

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB500-242

TRPM2 Antibody - BSA Free

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)

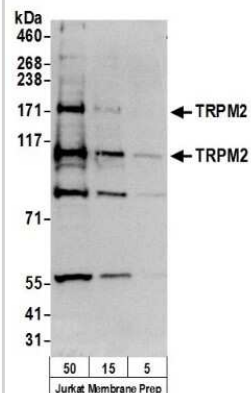
Product Description	
Host	Rabbit
Gene ID	7226
Gene Symbol	TRPM2
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in (PMID: 21900507).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 650 and 700 of human Transient Receptor Potential Cation Channel, Subfamily M, Member 2 using the numbering given in entry NP_003298.1 (GeneID 7226).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Frozen 1:50
Application Notes	IHC-Frozen, ICC/IF reactivity reported in (PMID: 21900507).

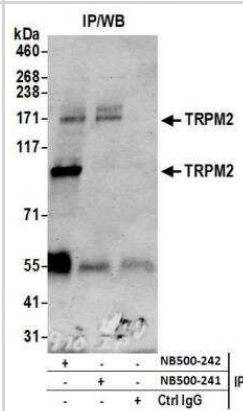


Images

Western Blot: TRPM2 Antibody [NB500-242] - Samples: Jurkat Membrane Prep (50, 15, 5 ug). Antibody: Affinity purified rabbit anti-TRPM2 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: TRPM2 Antibody [NB500-242] - 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 NB500-242 used for IP at 6 ug per reaction. TRPM2 was also immunoprecipitated by rabbit anti-TRPM2 antibody NB500-241. For blotting immunoprecipitated TRPM2, NB500-242 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Olah ME, Jackson MF, Li H et al. Ca²⁺-dependent induction of TRPM2 currents in hippocampal neurons. *J Physiol* 2009-03-01 [PMID: 19124544]

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]

Chung KK, Freestone PS, Lipski J. Expression and functional properties of TRPM2 channels in dopaminergic neurons of the substantia nigra of the rat. *J Neurophysiol*;106(6):2865-75. 2011-12-01 [PMID: 21900507] (ICC/IF, IHC-Fr, Rat)

Anelli VV, Gault CR, Cheng AB, Obeid LM. Sphingosine kinase 1 is up-regulated during hypoxia in U87MG glioma cells: Role of hypoxia-inducible factors 1 2. *J Biol Chem* 2007-11-30 [PMID: 18055454]



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Products Related to NB500-242

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB110-81601PEP	TRPM2 Antibody Blocking Peptide

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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