

Product Datasheet

Myosin Phosphatase Antibody - BSA Free NB110-38889

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Reviews: 1 Publications: 1

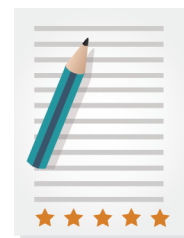
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Updated 9/9/2025 v.20.1

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NB110-38889**Myosin Phosphatase 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)
Target Molecular Weight	115.281 kDa

Product Description

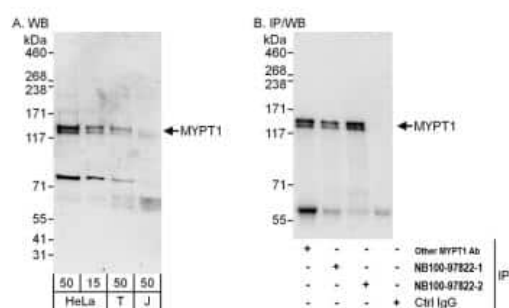
Description	Novus Biologicals Rabbit Myosin Phosphatase Antibody - BSA Free (NB110-38889) is a polyclonal antibody validated for use in WB and IP. Anti-Myosin Phosphatase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4659
Gene Symbol	PPP1R12A
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 400 and 450 of human Myosin Phosphatase Target Subunit 1 (Protein Phosphatase 1, Regulatory Subunit 12A) using the numbering given in entry NP_002471.1

Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunoprecipitation 2-5 ug/mg lysate

Images

Western Blot: Myosin Phosphatase Antibody [NB110-38889] - Detection of human MYPT1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-MYPT1 antibody NB110-38889 (lot NB110-38889-2) used for WB at 0.4 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate (B). MYPT1 was also immunoprecipitated by a previous lot (lot NB110-38889-1) of this antibody and by another rabbit anti-MYPT1 antibody, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

**Publications**

Gilkes DM, Xiang L, Lee SJ et al. Hypoxia-inducible factors mediate coordinated RhoA-ROCK1 expression and signaling in breast cancer cells. Proc Natl Acad Sci U S A 2014-01-21 [PMID: 24324133] (WB, Human)



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Products Related to NB110-38889

NBL1-14674	Myosin Phosphatase Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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