

Product Datasheet

MYO18A Antibody - BSA Free

NB100-79839

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 1

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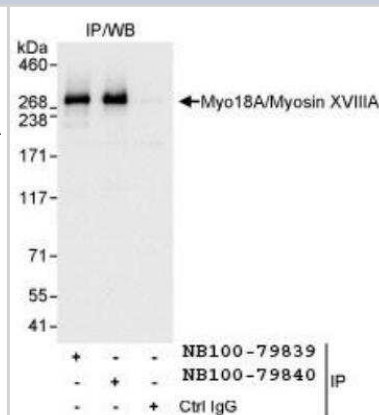
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Host	Rabbit
Gene ID	399687
Gene Symbol	MYO18A
Species	Human
Immunogen	The immunogen this antibody was made to, maps to a region between residue 300 and 350 of human myosin 18A using the numbering given in entry NP_510880.2 (GeneID 399687).

Product Application Details	
Applications	Immunoprecipitation
Recommended Dilutions	Immunoprecipitation 2-5 mcg/mg lysate
Application Notes	This antibody has not performed satisfactorily when used for WB of Myo18A/Myosin XVIII A in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of Myo18A/Myosin XVIII A.

Images

Immunoprecipitation: MYO18A Antibody [NB100-79839] - Detection of Human Myo18A/Myosin XVIII A by Western Blot of Immunoprecipitates. Samples: RIPA whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Myo18A/Myosin XVIII A antibody NB100-79839 used for IP at 3 mcg/mg lysate. Myo18A/Myosin XVIII A was also immunoprecipitated by rabbit anti- Myo18A/Myosin XVIII A antibody NB100-79840, which recognizes a downstream epitope. Detection: Chemiluminescence with an exposure time of 1 second.

**Publications**

Aguilar-Cuenca R, Llorente-Gonzalez C, Chapman JR et al. Tyrosine Phosphorylation of the Myosin Regulatory Light Chain Controls Non-muscle Myosin II Assembly and Function in Migrating Cells Curr. Biol. 2020-06-02 [PMID: 32502416]



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Products Related to NB100-79839

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-83021PEP	MYO18A 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.

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