

Product Datasheet

non-muscle Myosin IIA Antibody NBP1-31733

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-31733

non-muscle Myosin IIA Antibody

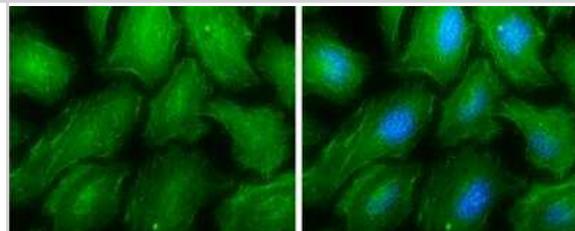
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	227 kDa

Product Description	
Host	Rabbit
Gene ID	4627
Gene Symbol	MYH9
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (89%).
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human non-muscle Myosin IIA. The exact sequence is proprietary.

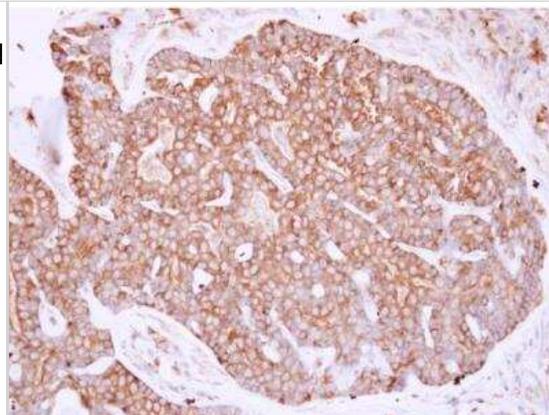
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent

Images

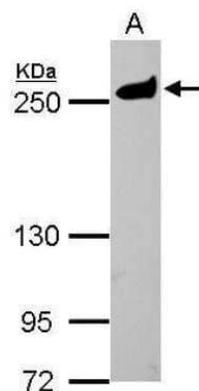
Immunocytochemistry/Immunofluorescence: non-muscle Myosin IIA Antibody [NBP1-31733] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: MYH9 stained by MYH9 antibody [N1-2], N-term diluted at 1:500. Blue: Hoechst 33342 staining.



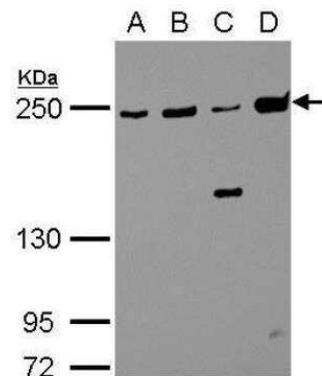
Immunohistochemistry-Paraffin: non-muscle Myosin IIA Antibody [NBP1-31733] - Human breast carcinoma. MYH9 antibody [N1-2], N-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



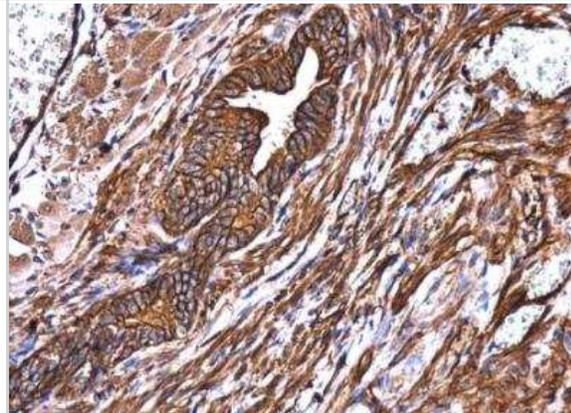
Western Blot: non-muscle Myosin IIA Antibody [NBP1-31733] - A. 30 ug Rat2 whole cell lysate/extract 5 % SDS-PAGE MYH9 antibody [N1-2], N-term dilution: 1:1000



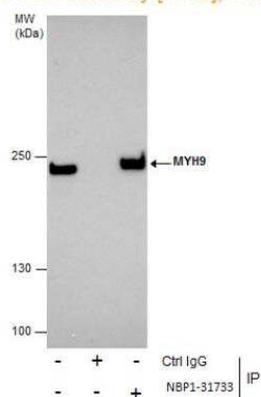
Western Blot: non-muscle Myosin IIA Antibody [NBP1-31733] - A. 30 ug NIH-3T3 whole cell lysate/extract B. 30 ug BCL-1 whole cell lysate/extract C. 30 ug Raw264.7 whole cell lysate/extract D. 30 ug C2C12 whole cell lysate/extract 5 % SDS-PAGE MYH9 antibody [N1-2], N-term dilution: 1:1000



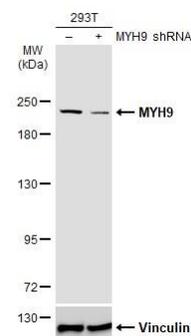
Immunohistochemistry-Paraffin: non-muscle Myosin IIA Antibody [NBP1-31733] - Mouse prostate. MYH9 antibody [N1-2], N-term diluted at 1:400. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



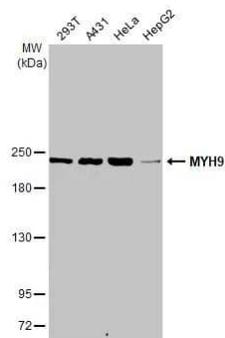
Immunoprecipitation: non-muscle Myosin IIA Antibody [NBP1-31733] - Immunoprecipitation of MYH9 protein from HeLa whole cell extracts using 5 ug of MYH9 antibody [N1-2], N-term. Western blot analysis was performed using MYH9 antibody [N1-2], N-term. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Western Blot: non-muscle Myosin IIA Antibody [NBP1-31733] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with MYH9 antibody [N1-2], N-term diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with non-muscle Myosin IIA antibody [N1-2], N-term (NBP1-31733) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Yoon Y, Go G, Yun C et al. Knockdown of CK2 alpha reduces P-cresol-induced fibrosis in human renal proximal tubule epithelial cells via the downregulation of profilin-1 Int. J. Med. Sci. 2020-10-28 [PMID: 33162813] (WB, Human)



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Products Related to NBP1-31733

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004627-Q02-10ug	Recombinant Human non-muscle Myosin IIA GST (N-Term) Protein

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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