

# Product Datasheet

## non-muscle heavy chain 10 Myosin Antibody - BSA Free NBP2-38566

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-38566**

non-muscle heavy chain 10 Myosin Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

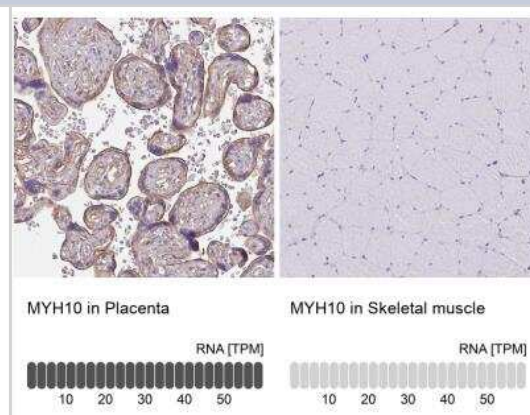
<b>Host</b>	Rabbit
<b>Gene ID</b>	4628
<b>Gene Symbol</b>	MYH10
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: RQLDDATEANEGLSREVSTLKNRLRRGGPISFSSSRSGRRQLHLEGASLELSD DDTESKTSDVNETQPPQ

**Product Application Details**

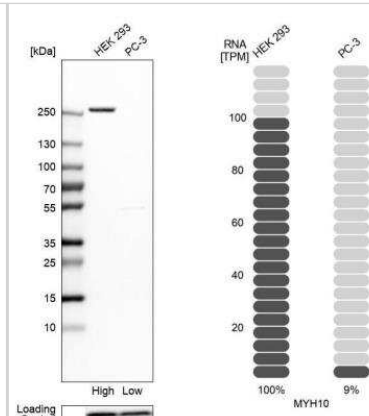
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

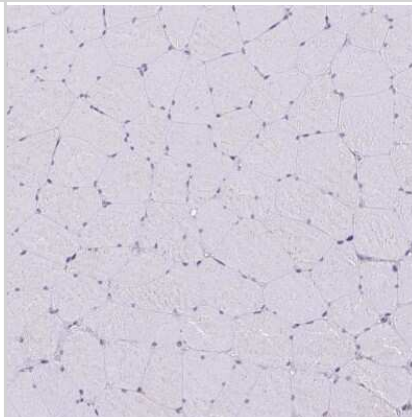
Immunohistochemistry-Paraffin: non-muscle heavy chain 10 Myosin Antibody [NBP2-38566] - Analysis in human placenta and skeletal muscle tissues. Corresponding MYH10 RNA-seq data are presented for the same tissues.



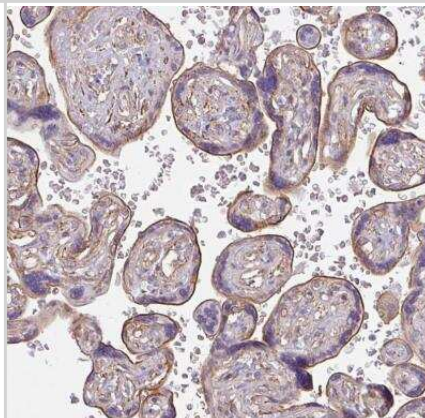
Western Blot: non-muscle heavy chain 10 Myosin Antibody [NBP2-38566] - Analysis in human cell lines HEK293 and PC-3 using anti-MYH10 antibody. Corresponding MYH10 RNA-seq data are presented for the same cell lines. Loading control: anti-PFN1.



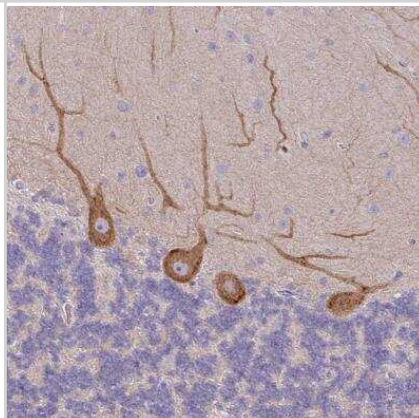
Immunohistochemistry-Paraffin: non-muscle heavy chain 10 Myosin Antibody [NBP2-38566] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



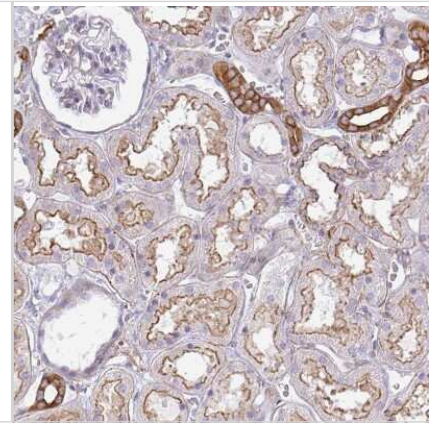
Immunohistochemistry-Paraffin: non-muscle heavy chain 10 Myosin Antibody [NBP2-38566] - Staining of human placenta shows moderate membranous positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: non-muscle heavy chain 10 Myosin Antibody [NBP2-38566] - Staining of human cerebellum shows weak to moderate cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: non-muscle heavy chain 10 Myosin Antibody [NBP2-38566] - Staining of human kidney shows moderate membranous positivity in cells in tubules.





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### **Products Related to NBP2-38566**

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NBP2-38566PEP	non-muscle heavy chain 10 Myosin Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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