

# Product Datasheet

## MYO1G Antibody - BSA Free

### NBP1-93704

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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**NBP1-93704**

MYO1G 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>Description</b>	Novus Biologicals Rabbit MYO1G Antibody - BSA Free (NBP1-93704) is a polyclonal antibody validated for use in IHC, WB and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	64005
<b>Gene Symbol</b>	MYO1G
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (84%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SVHRILAAIHLGNIEFVETEEGGLQKEGLAVAEEALVDHVAELTATPRDLVLRS LLARTVASGGRELIEKGHTAAEASYARDACA

**Product Application Details**

<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Simple Western 1:25, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in MOLT-4 lysate(s), separated by Size, antibody dilution of 1:25, apparent MW was 116 kDa.



## Images

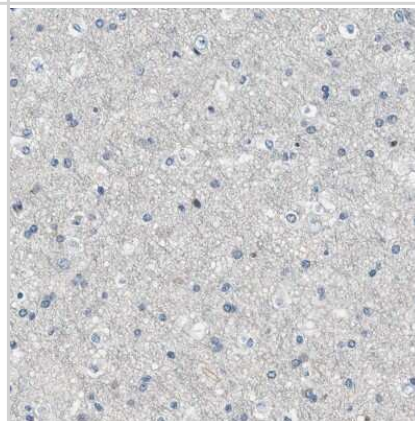
Western Blot: MYO1G Antibody [NBP1-93704] - Analysis in human lymph node tissue.



Immunohistochemistry-Paraffin: MYO1G Antibody [NBP1-93704] - Staining of human bone marrow shows high expression.



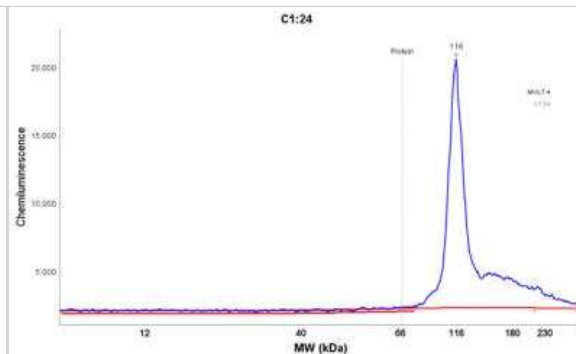
Immunohistochemistry-Paraffin: MYO1G Antibody [NBP1-93704] - Staining of human cerebral cortex shows low expression as expected.



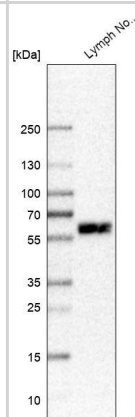
Simple Western: MYO1G Antibody [NBP1-93704] - Simple Western lane view shows a specific band for MYO1G in 0.2 mg/ml of MOLT-4 lysate (s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



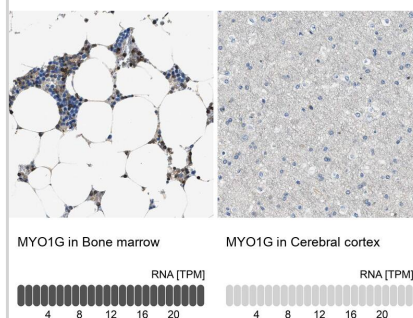
Simple Western: MYO1G Antibody [NBP1-93704] - Electropherogram image of the corresponding Simple Western lane view. MYO1G antibody was used at 1:25 dilution on MOLT-4 lysate(s) respectively.



Analysis in human lymph node tissue.



Analysis in human bone marrow and cerebral cortex tissues using Anti-MYO1G antibody. Corresponding MYO1G RNA-seq data are presented for the same tissues.





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### **Products Related to NBP1-93704**

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NBP1-93704PEP	MYO1G 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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