

# Product Datasheet

## Troponin I Type 3 (cardiac) Antibody - Azide Free NBP2-20734

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-20734](http://www.novusbio.com/NBP2-20734)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-20734](http://www.novusbio.com/reviews/destination/NBP2-20734)



**NBP2-20734**

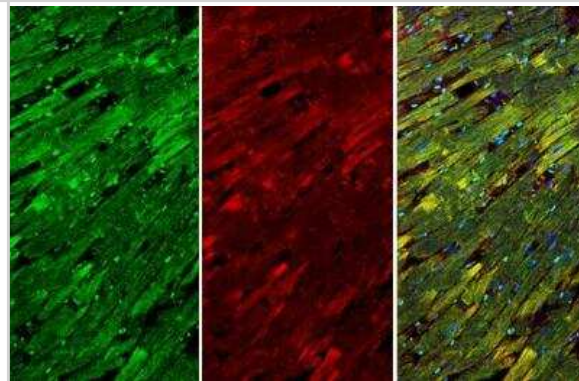
Troponin I Type 3 (cardiac) Antibody - Azide Free

<b>Product Information</b>	
<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>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	24 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Troponin I Type 3 (cardiac) Antibody - Azide Free (NBP2-20734) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Troponin I Type 3 (cardiac) Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7137
<b>Gene Symbol</b>	TNNI3
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Cat (94%).
<b>Immunogen</b>	Full length human Troponin I Type 3 (cardiac) Recombinant protein.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

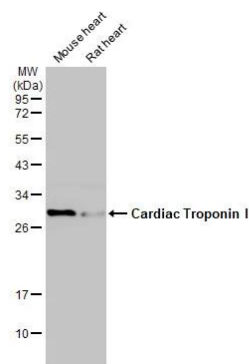


## Images

Immunohistochemistry-Paraffin: Troponin I Type 3 (cardiac) Antibody [NBP2-20734] - Troponin I Type 3 (cardiac) antibody detects Troponin I Type 3(cardiac) protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse heart. Green: Troponin I Type 3 (cardiac) stained by Troponin I Type 3 (cardiac) antibody diluted at 1:250. Red: beta Actin, a cytoskeleton marker, stained by beta Actin antibody diluted at 1:500. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: Troponin I Type 3 (cardiac) Antibody [NBP2-20734] - Various tissue extracts (50 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Troponin I Type 3 (cardiac) antibody [N1C3] (NBP2-20734) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Troponin I (cardiac) antibody [N1C3] detects Troponin I (cardiac) protein at cytosol on rat heart by immunohistochemical analysis.

Sample: Paraffin-embedded rat heart.

Troponin I (cardiac) antibody [N1C3] (NBP2-20734) dilution: 1:500.

Antigen Retrieval: Trilogy(TM) (EDTA based, pH 8.0) buffer, 15min



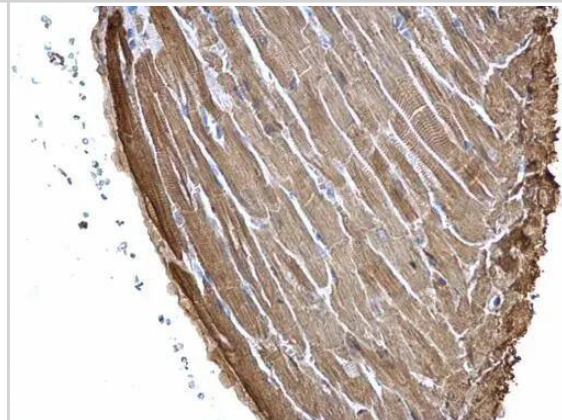
Cardiac Troponin I antibody [N1C3] detects Cardiac Troponin I protein at cytosol on mouse heart by immunohistochemical analysis.

Sample: Paraffin-embedded mouse heart.

Cardiac Troponin I antibody [N1C3] (NBP2-20734) dilution: 1:500.

Scale bar = M um.

Antigen Retrieval: Trilogy(TM) (EDTA based, pH 8.0) buffer, 15min



## Publications

?pek E, Hesapç?o?lu M, Karabo?a M, Avc? H Selenium protection from DNA damage and regulation of apoptosis signaling following cyclophosphamide induced cardiotoxicity in rats Biotechnic & histochemistry : official publication of the Biological Stain Commission 2023-11-01 [PMID: 37695070] (IHC)



### Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### Products Related to NBP2-20734

---

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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-20734](http://www.novusbio.com/reviews/submit/NBP2-20734)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

