

Product Datasheet

Troponin T Type 2 (cardiac) Antibody (CL13382) - Azide and BSA Free NBP3-43865

Unit Size: 100 ug

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

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NBP3-43865

Troponin T Type 2 (cardiac) Antibody (CL13382) - Azide and BSA Free

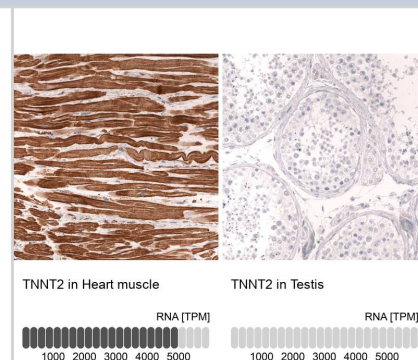
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13382
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse Troponin T Type 2 (cardiac) Antibody (CL13382) - Azide and BSA Free (NBP3-24556) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7139
Gene Symbol	TNNT2
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P45379, with the exact immunogen sequence remaining proprietary.

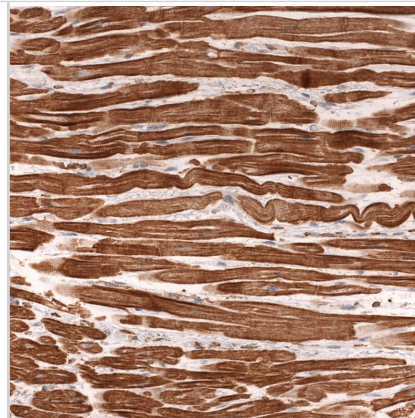
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:10000 - 1:20000
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments.

Images

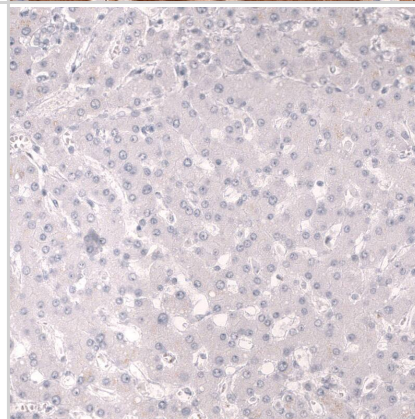
Analysis in human heart muscle and testis tissues using NBP3-43865 antibody. Corresponding Troponin T Type 2 (cardiac) RNA-seq data are presented for the same tissues.



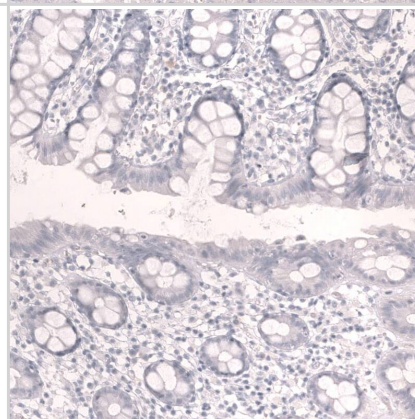
Staining of human heart muscle shows strong cytoplasmic positivity in cardiomyocytes.



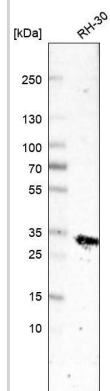
Staining of human liver shows no positivity in hepatocytes as expected.



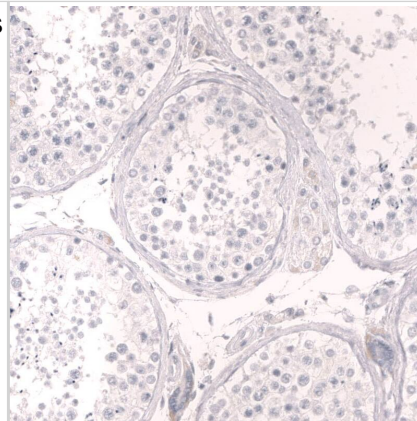
Staining of human rectum shows no positivity in glandular cells as expected.



Analysis in human cell line RH-30.



Staining of human testis shows no positivity in cells in seminiferous ducts as expected.





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Products Related to NBP3-43865

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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