

Product Datasheet

Troponin T Type 2 (cardiac) Antibody (CL13403) - BSA Free NBP3-24557-100ul

Unit Size: 100 ul

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

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NBP3-24557-100ul

Troponin T Type 2 (cardiac) Antibody (CL13403) - BSA Free

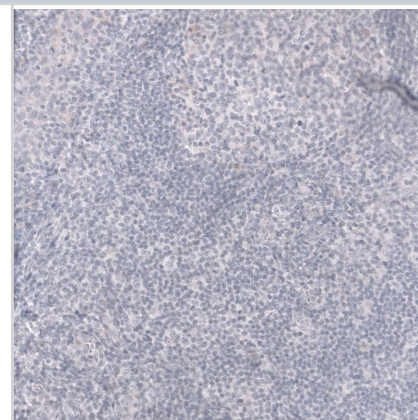
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13403
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse Troponin T Type 2 (cardiac) Antibody (CL13403) - BSA Free (NBP3-24557) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7139
Gene Symbol	TNNT2
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P45379, with the exact immunogen sequence remaining proprietary.

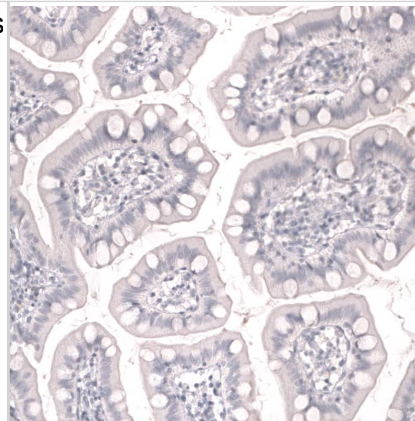
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
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, For ICC/IF, we recommend using a combination of PFA and Triton X-100. This will give you the optimal results for your experiments.

Images

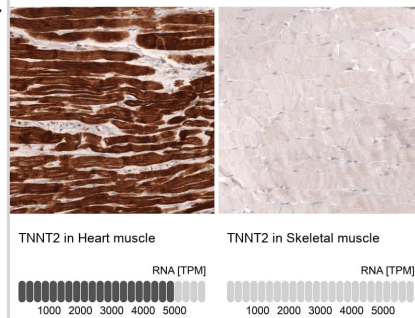
Staining of human tonsil shows no positivity in non-germinal center cells as expected.



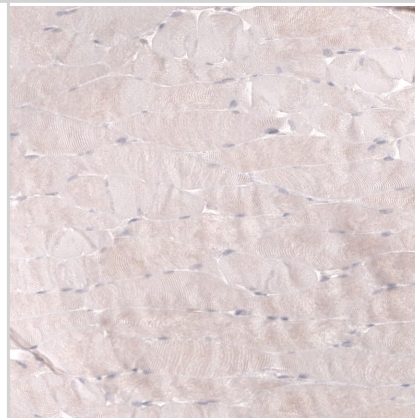
Staining of human small intestine shows no positivity in glandular cells as expected.



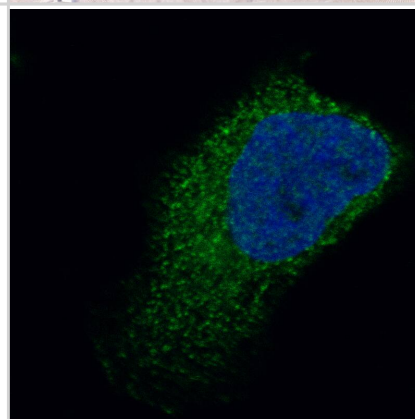
Analysis in human heart muscle and skeletal muscle tissues using NBP3-24557 antibody. Corresponding TNNT2 RNA-seq data are presented for the same tissues.



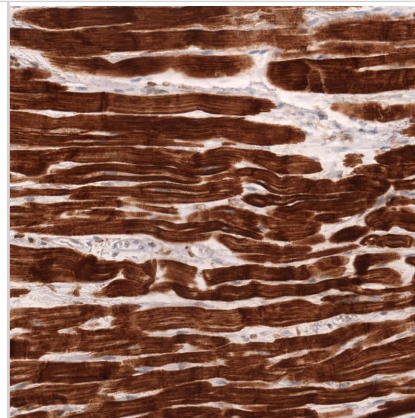
Staining of human skeletal muscle shows negative to very weak cytoplasmic positivity in myocytes.



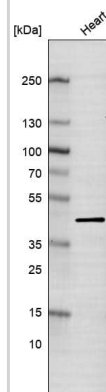
Staining in RH-30 cell line with Anti-TNNT2 monoclonal antibody, showing specific staining of cytosol in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



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



Western blot analysis in human heart tissue.





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Products Related to NBP3-24557-100ul

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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