

Product Datasheet

Dystrophin Antibody - BSA Free NBP1-89953

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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NBP1-89953

Dystrophin Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

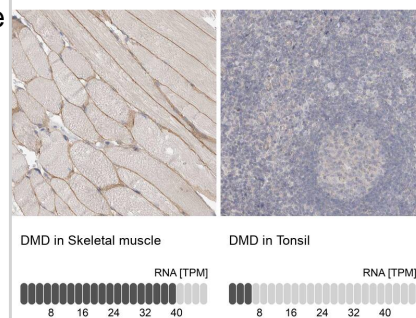
Product Description	
Host	Rabbit
Gene ID	1756
Gene Symbol	DMD
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26721911).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KQNDVHRAFKRELKTKEPVIMSTLETVRIFLTEQPLEGLEKLYQEPRELPPEER AQNVTRELLRKQAEENVTEWEKLNLSADWQRKIDETLERLQELQEATDELK LRQAEVIKGSWQPVGDLLIDSLQDHLEKVKALRGEIAPLKENV

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

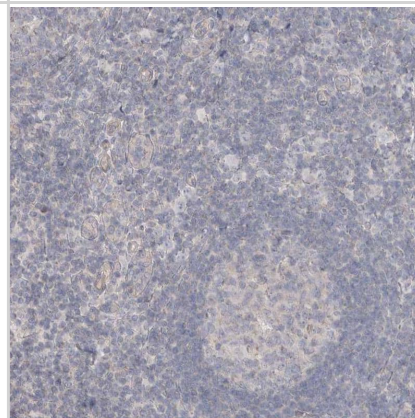


Images

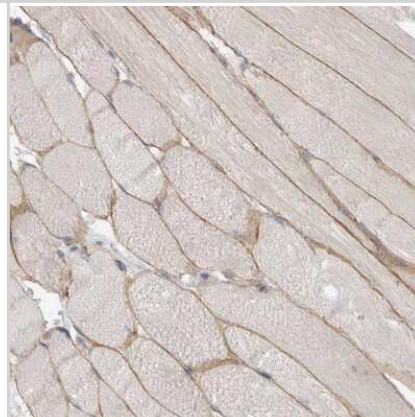
Analysis in human skeletal muscle and tonsil tissues using NBP1-89953 antibody. Corresponding DMD RNA-seq data are presented for the same tissues.



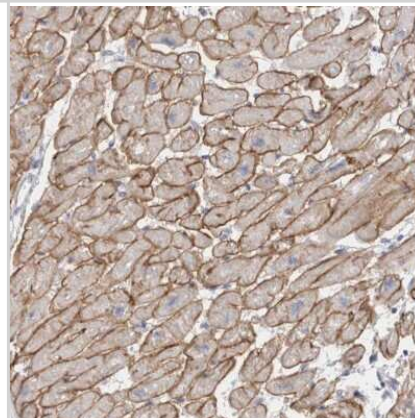
Staining of human tonsil shows no positivity in lymphoid cells as expected.



Immunohistochemistry-Paraffin: Dystrophin Antibody [NBP1-89953] - Staining of human skeletal muscle shows strong membranous positivity in myocytes.



Immunohistochemistry-Paraffin: Dystrophin Antibody [NBP1-89953] - Staining of human heart muscle shows strong membranous positivity in myocytes.



Publications

Mondello C, Ventura Spagnolo E, Bartoloni G Et Al. Dystrophin and metalloproteinase 9 in myocardial ischemia: A post-mortem immunohistochemical study *Legal medicine (Tokyo, Japan)* 2021-07-25 [PMID: 34332258] (IF/IHC)

Mondello C, Cardia L, Bartoloni G et al. Immunohistochemical study on dystrophin expression in CAD-related sudden cardiac death: a marker of early myocardial ischaemia *Int. J. Legal Med.* 2018-05-07 [PMID: 29732464] (IF/IHC)

Kawase H, Bando YK, Nishimura K et al. A dipeptidyl peptidase-4 inhibitor ameliorates hypertensive cardiac remodeling via angiotensin-II/sodium-proton pump exchanger-1 axis *J. Mol. Cell. Cardiol.* 2016-06-30 [PMID: 27374118] (ICC/IF)

Aoyama M, Kawase H, Bando YK et al. Dipeptidyl Peptidase 4 Inhibition Alleviates Shortage of Circulating Glucagon-Like Peptide-1 in Heart Failure and Mitigates Myocardial Remodeling and Apoptosis via the Exchange Protein Directly Activated by Cyclic AMP 1/Ras-Related Protein 1 Axis. *Circ Heart Fail.* 2016-01-01 [PMID: 26721911] (IF/IHC, Mouse)





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Products Related to NBP1-89953

NBP1-89953PEP	Dystrophin 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

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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