

Product Datasheet

Emerin Antibody - BSA Free NBP1-87692

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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Publications: 5

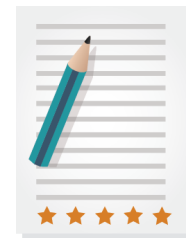
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NBP1-87692

Emerin Antibody - BSA Free

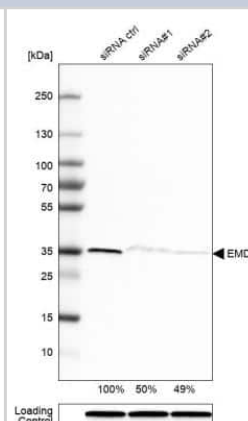
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	2010
Gene Symbol	EMD
Species	Human, Mouse, Rat, Hamster
Reactivity Notes	Hamster reactivity reported in scientific literature (PMID: 27548707).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ASSYSFSDLNSTRGDADMYDLPKKEDALLYQSKGYNDDYYEESYFTTRTYGEP ESAGPSRAVRQSVTSFPDADAFHHQVHDDDLLSSEEECKDRERPMYGRDSA CQSITHY

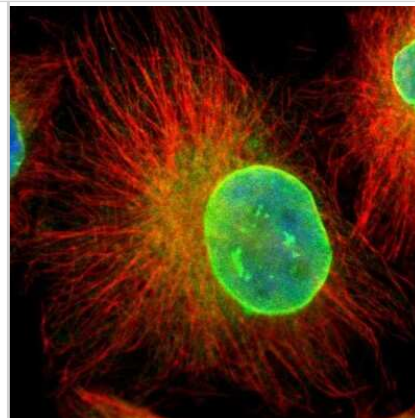
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF IFixation Permeabilization: Use PFA/Triton X-100.

Images

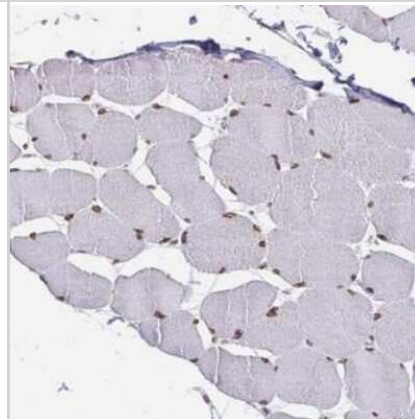
Western Blot: Emerin Antibody [NBP1-87692] - Analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



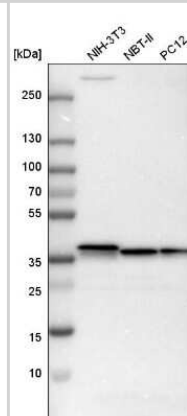
Immunocytochemistry/Immunofluorescence: Emerin Antibody [NBP1-87692] - Staining of human cell line U-251 MG shows localization to nuclear membrane & endoplasmic reticulum. Antibody staining is shown in green.



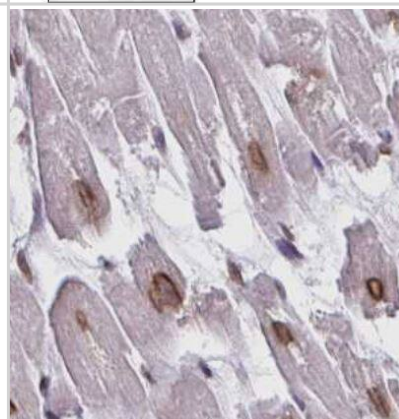
Immunohistochemistry-Paraffin: Emerin Antibody [NBP1-87692] - Staining of human skeletal muscle shows moderate nuclear membrane positivity in myocytes.



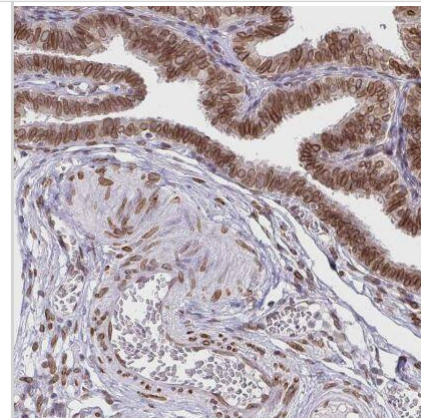
Western Blot: Emerin Antibody [NBP1-87692] - Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



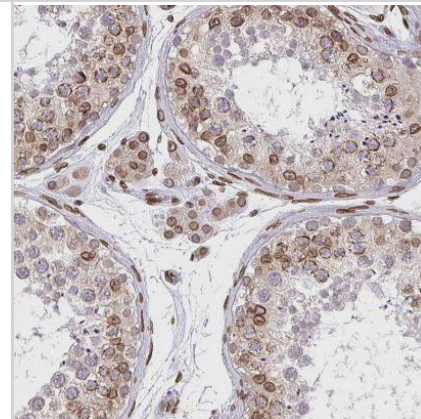
Immunohistochemistry-Paraffin: Emerin Antibody [NBP1-87692] - Staining of human heart muscle shows strong positivity in nuclear membrane in cardiomyocytes.



Immunohistochemistry-Paraffin: Emerin Antibody [NBP1-87692] - Staining of human fallopian tube shows moderate positivity in nuclear membrane in glandular cells and smooth muscle cells with additional weak cytoplasmic positivity.



Immunohistochemistry-Paraffin: Emerin Antibody [NBP1-87692]- Staining of human testis shows moderate positivity in nuclear membrane in cells in seminiferous ducts and leydig cells with weak cytoplasmic positivity.



Publications

Porter LJ, Holt MR, Soong D et al. Prelamin A Accumulation Attenuates Rac1 Activity and Increases the Intrinsic Migrational Persistence of Aged Vascular Smooth Muscle Cells. *Cells*. 2016-11-15 [PMID: 27854297] (WB, Human)

Tajik A, Zhang Y, Wei F et al. Transcription upregulation via force-induced direct stretching of chromatin. *Nat Mater*. 2016-08-22 [PMID: 27548707] (WB, Hamster)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]

Lomnytska MI, Becker S, Gemoll T et al. Impact of genomic stability on protein expression in endometrioid endometrial cancer. *Br J Cancer* 2012-03-27 [PMID: 22415234]

Collard L, Herledan G, Pincini A et al. Nuclear actin and Mrtfs control disuse muscle atrophy via Srf activity regulation. *J. Cell. Sci.* 2014-10-24 [PMID: 25344251]



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Products Related to NBP1-87692

NBP1-87692PEP	Emerin 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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