

Product Datasheet

Desmin Antibody - BSA Free NBP1-85549

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: 2

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NBP1-85549

Desmin Antibody - BSA Free

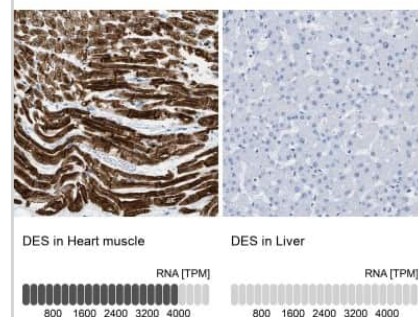
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	1674
Gene Symbol	DES
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KLLGEEESRINLPIQTYSALNFRETSPEQRGSEVHTKKTVMIKTIETRDGEVVSE ATQQQHEVL

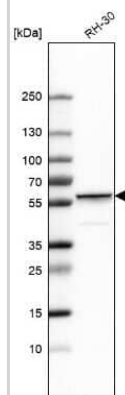
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

Images

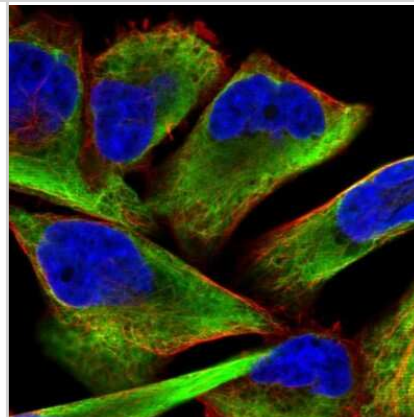
Immunohistochemistry-Paraffin: Desmin Antibody [NBP1-85549] - Staining in human heart muscle and liver tissues . Corresponding DES RNA-seq data are presented for the same tissues.



Western Blot: Desmin Antibody [NBP1-85549] - Analysis in human cell line RH-30.



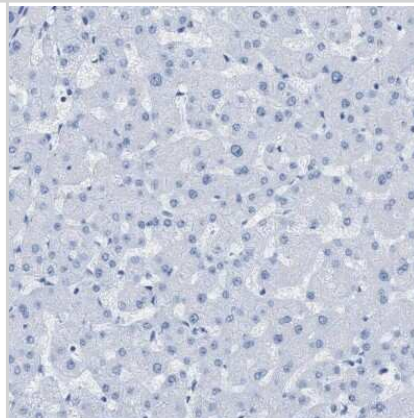
Immunocytochemistry/Immunofluorescence: Desmin Antibody [NBP1-85549] - Staining of human cell line RH-30 shows localization to intermediate filaments. Antibody staining is shown in green.



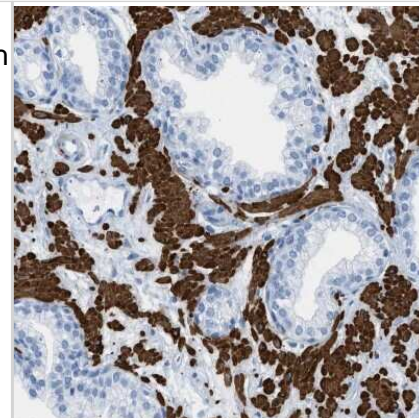
Immunohistochemistry-Paraffin: Desmin Antibody [NBP1-85549] - Staining of human heart muscle shows moderate to strong cytoplasmic and membranous positivity in cardiomyocytes.



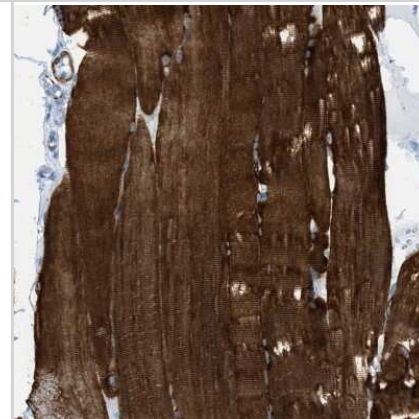
Immunohistochemistry-Paraffin: Desmin Antibody [NBP1-85549] - Staining of human liver shows no positivity as expected.



Immunohistochemistry-Paraffin: Desmin Antibody [NBP1-85549] - Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells.



Immunohistochemistry-Paraffin: Desmin Antibody [NBP1-85549] - Staining of human skeletal muscle shows strong cytoplasmic positivity in striated muscle fibers.



Publications

Yoshioka N, Kurose M, Yano M et al. Isoform-specific mutation in Dystonin-b gene causes late-onset protein aggregate myopathy and cardiomyopathy eLife 2022-08-09 [PMID: 35942699] (IHC-P, Mouse)

Details:

Dilution used 1:1000

Gry M, Oksvold P, Ponten F et al. Tissue specific protein expression in human cells, tissues and organs. J Proteomics Bioinform 2010-01-01



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Products Related to NBP1-85549

NBP1-85549PEP	Desmin 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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