

Product Datasheet

Desmin Antibody - C-terminus NBP1-45143

Unit Size: 0.05 mg

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

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NBP1-45143

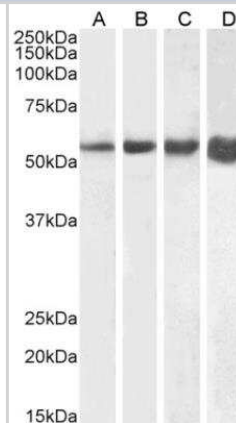
Desmin Antibody - C-terminus

Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
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	TBS, 0.5% BSA
Target Molecular Weight	55 kDa
Product Description	
Host	Goat
Gene ID	1674
Gene Symbol	DES
Species	Human
Reactivity Notes	Predicted cross-reactivities: Mouse, Porcine, Rat, Dog, Bovine
Specificity/Sensitivity	Goat anti Human Desmin recognizes an epitope within the C-terminal (CT) region of human.
Immunogen	Synthetic peptide sequence C-RDGEVVSEATQQQHE from the C-Terminal region of Desmin (NP_001918.3)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.1-0.3 ug/ml, ELISA 1:2000, Immunohistochemistry 3-6 ug/ml, Immunohistochemistry-Paraffin 3-6 ug/ml
Application Notes	This product requires heat-mediated antigen retrieval prior to staining of paraffin sections. Sodium citrate buffer pH6.0 is recommended for this purpose. Goat anti Human Desmin detects a band of approximately 55kDa in human skeletal muscle cell lysates.

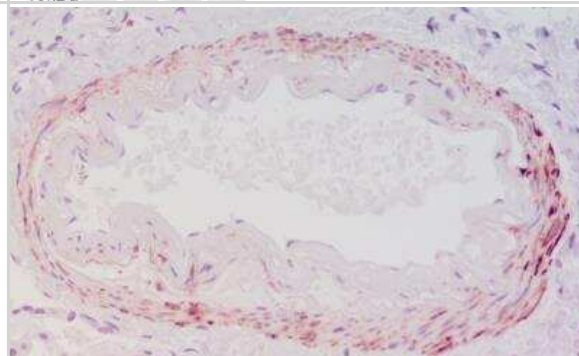


Images

Western Blot: Desmin Antibody [NBP1-45143] - Analysis of human (A), mouse (B), rat (C) and pig (D) skeletal muscle lysate (35ug protein in RIPA buffer) probed with Goat anti Human desmin antibody (NBP1-45143) at 1.0ug/ml. Primary incubation was 1 hour. Signal was detected by chemiluminescence



Immunohistochemistry-Paraffin: Desmin Antibody [NBP1-45143] - Staining showing strong specific labeling in pericytes around blood vessels in the brain. Antigen retrieval at pH6 (citra) was performed and Desmin was used at 1:500 dilution. Hematoxylin was used as a counterstain to mark nuclei. Image from verified customer review.



Western Blot: Desmin Antibody [NBP1-45143] - Human skeletal muscle cell lysate probed with Goat anti Human Desmin C-Terminal (NBP1-45143)



Publications

Donandt T, Todorow V, Hintze S et al. Nuclear Small Dystrophin Isoforms during Muscle Differentiation Life (Basel, Switzerland) 2023-06-11 [PMID: 37374149] (WB, Human)

Huang R, Yamamoto T, Nakata E et al. CDKAL1 Drives the Maintenance of Cancer Stem-Like Cells by Assembling the eIF4F Translation Initiation Complex Advanced science (Weinheim, Baden-Wuerttemberg, Germany) 2023-02-14 [PMID: 36786012] (WB)



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Products Related to NBP1-45143

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00001674-Q01-10ug	Recombinant Human Desmin GST (N-Term) Protein

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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