

Product Datasheet

ACN9 Antibody - BSA Free

NBP2-14259

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: 1

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Updated 9/9/2025 v.20.1

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NBP2-14259

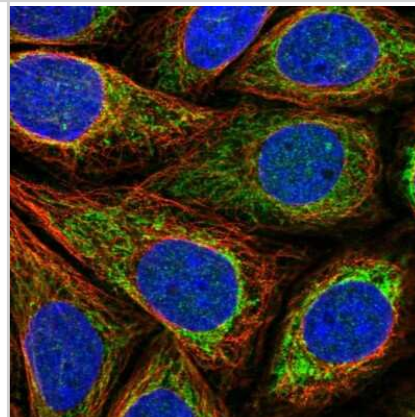
ACN9 Antibody - BSA Free

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
Target Molecular Weight	15 kDa
Product Description	
Description	Novus Biologicals Rabbit ACN9 Antibody - BSA Free (NBP2-14259) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-ACN9 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57001
Gene Symbol	SDHAF3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (83%)
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: YATALLQQANENRQNSTGKACFGTFLPEEKLNDFRDEQIGQLQELMQEATKPN RQFSISESMKP
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

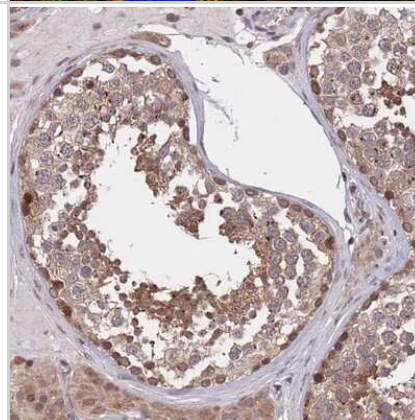


Images

Immunocytochemistry/Immunofluorescence: ACN9 Antibody [NBP2-14259] - Immunofluorescent staining of human cell line SiHa shows localization to mitochondria.



Immunohistochemistry-Paraffin: ACN9 Antibody [NBP2-14259] - Staining of human testis shows strong cytoplasmic positivity in subset of cells in seminiferous ducts.



Publications

Wang X, Zhang X, Cao K et al. Cardiac disruption of SDHAF4-mediated mitochondrial complex II assembly promotes dilated cardiomyopathy Nature communications 2022-07-08 [PMID: 35803927] (IB, Mouse)

Details:

Dilution: 1:2000



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Products Related to NBP2-14259

NBP2-14259PEP	ACN9 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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