

# 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 2/23/2025 v.20.1

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**NBP2-14259**

ACN9 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Target Molecular Weight</b>	15 kDa

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	57001
<b>Gene Symbol</b>	SDHAF3
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (83%)
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the amino acids: YATALLQQANENRQNSTGKACFGTFLPEEKLNDFRDEQIGQLQELMQEATKPN RQFSISESMKP

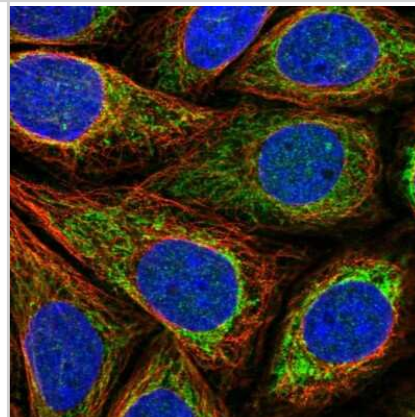
**Product Application Details**

<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

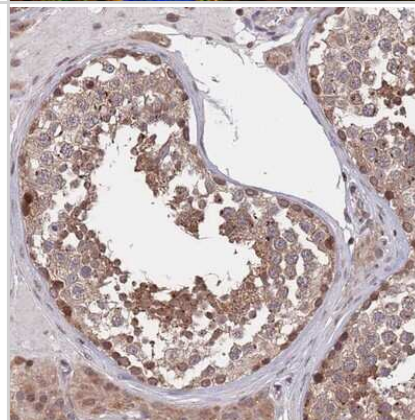


## Images

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**

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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

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### **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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