

# Product Datasheet

## Supervillin Antibody - BSA Free NBP1-90363

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NBP1-90363**

Supervillin 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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

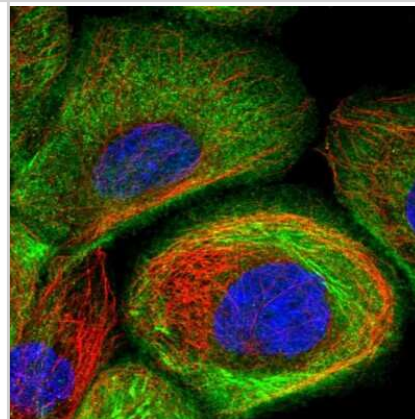
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Supervillin Antibody - BSA Free (NBP1-90363) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Supervillin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6840
<b>Gene Symbol</b>	SVIL
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: NARYQTQPVTLGVEVEQVQSGKLIPFSPAVNTSVSTVASTVAPMYAGDLRTPKPP LDHNASATDYKFSSSIENS DSPVRSILKSQAWQPLVEGSENKGMLREYGETES KRALTGRDSGMEKYGSFEEAEASYPILNRARE

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

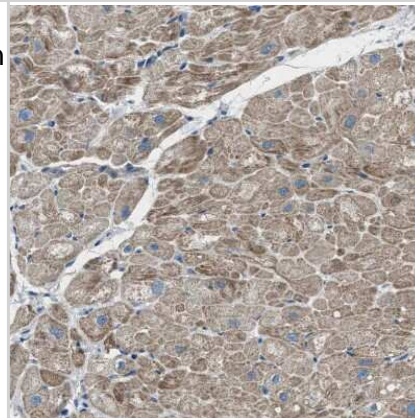


## Images

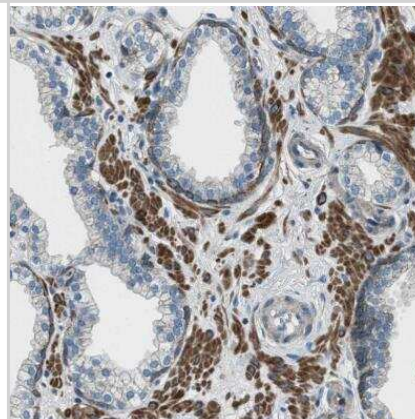
Immunocytochemistry/Immunofluorescence: Supervillin Antibody [NBP1-90363] - Staining of human cell line A-431 shows localization to plasma membrane, cytosol & actin filaments. Antibody staining is shown in green.



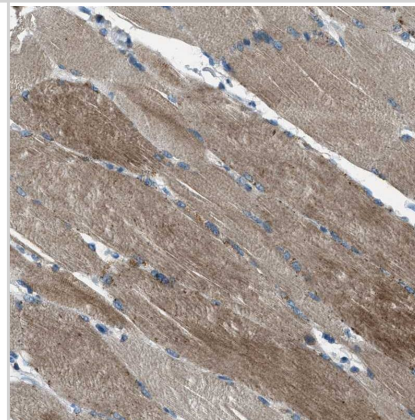
Immunohistochemistry-Paraffin: Supervillin Antibody [NBP1-90363] - Staining of human heart muscle shows moderate cytoplasmic positivity in cardiomyocytes.



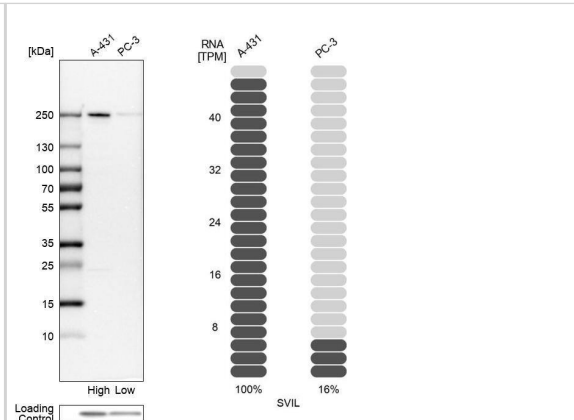
Immunohistochemistry-Paraffin: Supervillin Antibody [NBP1-90363] - Staining of human prostate shows moderate to strong cytoplasmic positivity in smooth muscle cells



Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



Analysis in human cell lines A-431 and PC-3 using Anti-SVIL antibody. Corresponding SVIL RNA-seq data are presented for the same cell lines. Loading control: Anti-PPIB.



## Publications

Yang G, Hiruma S, Kitamura A et al. Molecular basis of functional exchangeability between ezrin and other actin-membrane associated proteins during cytokinesis *Experimental cell research* 2021-04-20 [PMID: 33862101]

Hiruma S, Kamasaki T, Otomo K et al. Dynamics and function of ERM proteins during cytokinesis in human cells *FEBS Lett.* 2017-09-10 [PMID: 28889652] (Human)



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### **Products Related to NBP1-90363**

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NBP1-90363PEP	Supervillin Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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