

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.

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NBP1-90363

Supervillin 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	6840
Gene Symbol	SVIL
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NARYQTQPVTLGEVEQVQSGKLIPFSPAVNTSVSTVASTVAPMYAGDLRTKPP LDHNASATDYKFSSSIENS DSPVRSILKSQAWQPLVEGSENKGMLREYGETES KRALTGRDSGMEKYGSFEEAEASYPIILNRARE

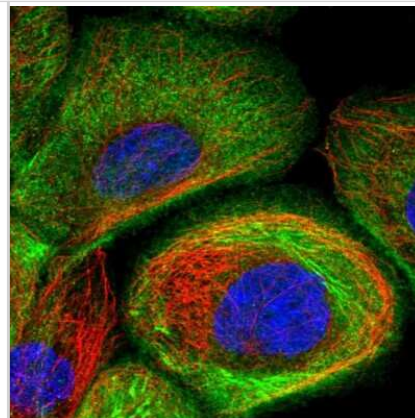
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

Images

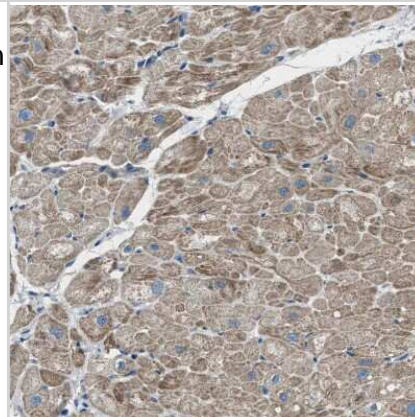
Western Blot: Supervillin Antibody [NBP1-90363] - Analysis in human cell lines A-431 and PC-3 using anti-SVIL antibody. Corresponding SVIL RNA-seq data are presented for the same cell lines. Loading control: anti-PPIB.



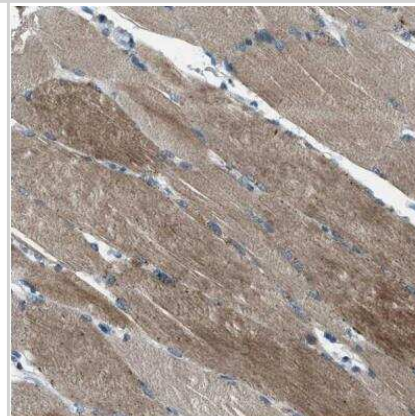
Immunocytochemistry/Immunofluorescence: Supervillin Antibody [NBP1-90363] - Staining of human cell line A-431 shows localization to plasma membrane, cytosol & actin filaments. Antibody staining is shown in green.



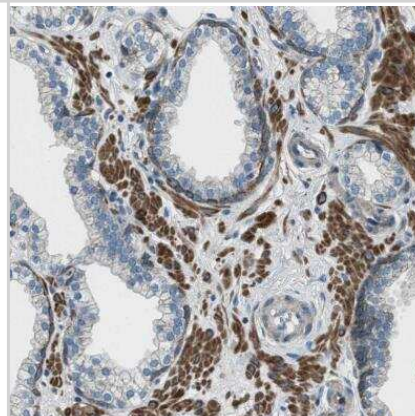
Immunohistochemistry-Paraffin: Supervillin Antibody [NBP1-90363] - Staining of human heart muscle shows moderate cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: Supervillin Antibody [NBP1-90363] - Staining of human skeletal muscle shows moderate to strong cytoplasmic positivity in myocytes.



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



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

NBP1-90363PEP	Supervillin 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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