

# Product Datasheet

## gamma Sarcoglycan Antibody - BSA Free NBP1-90299

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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Reviews: 1

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Updated 12/21/2025 v.20.1

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**NBP1-90299**

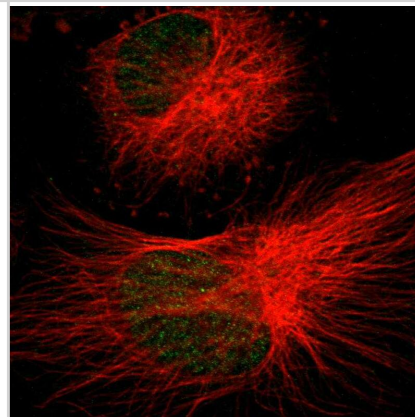
gamma Sarcoglycan Antibody - BSA Free

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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	33 kDa
Product Description	
Description	Novus Biologicals Rabbit gamma Sarcoglycan Antibody - BSA Free (NBP1-90299) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6445
Gene Symbol	SGCG
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (83%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YAKEIHSRVDSLLQSTQNVTVNARNSEGEVTGRLKVGPKMVEVQNQQFQIN SNDGKPLFTVDEKEVVVGTDKLRVTGPEGALFEHSVETPLVRADPFQD
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Immunohistochemistry-Frozen Validated from a verified customer review.
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.



## Images

Staining of human cell line U-251 MG shows localization to nucleoplasm.



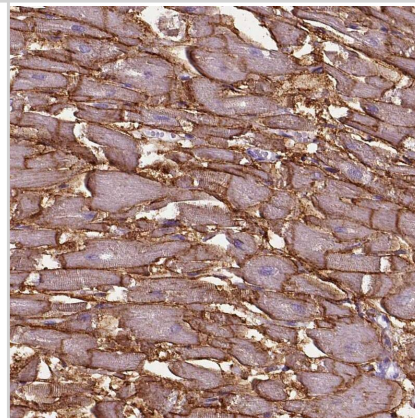
Immunohistochemistry-Frozen: gamma Sarcoglycan Antibody [NBP1-90299] - Human skeletal muscle tissue. IHC-Fr image submitted by a verified customer review.



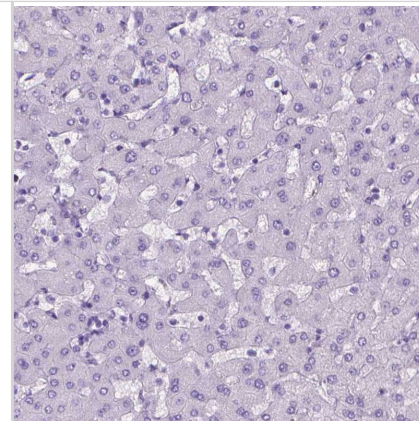
Analysis in human heart muscle and liver tissues using NBP1-90299 antibody. Corresponding SGCG RNA-seq data are presented for the same tissues.



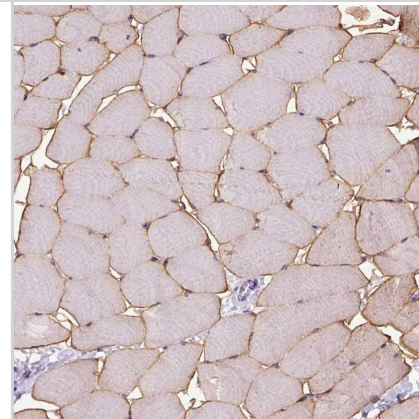
Staining of human heart muscle shows strong membranous positivity in cardiomyocytes.



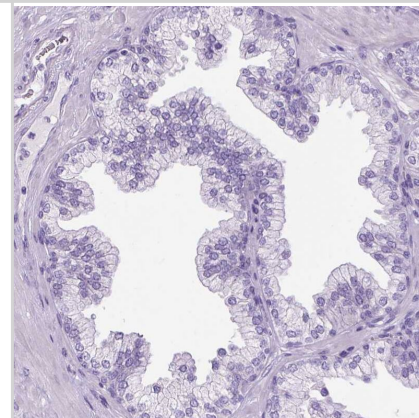
Staining of human liver shows no positivity in hepatocytes as expected.



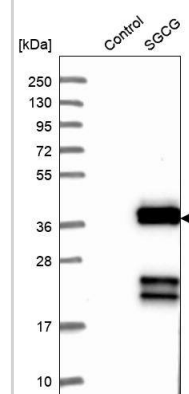
Staining of human skeletal muscle shows strong membranous positivity in myocytes.



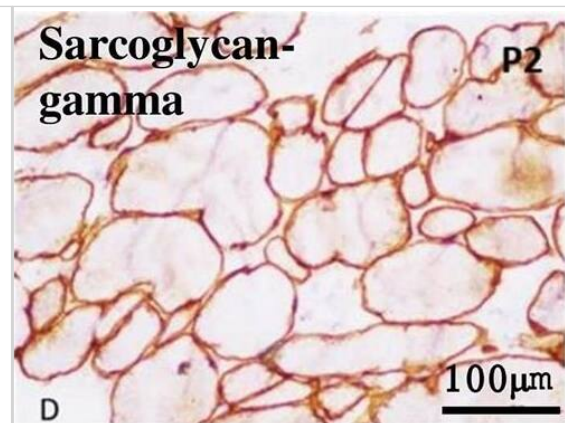
Staining of human prostate shows no positivity in glandular cells as expected.



Analysis in control (vector only transfected HEK293T lysate) and SGCG over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry using antibodies against Dystrophin, Sarcoglycan-alpha, Sarcoglycan-beta, Sarcoglycan-gamma and Dysferlin showing normal expression in myofibres (a: Dystrophin x 20X, b: Sarcoglycan-alpha x 40X, c: Sarcoglycan-beta x 20X, d: Sarcoglycan-gamma x 40X, e: Dysferlin x 40X) Image collected and cropped by CiteAb from the following open publication (<https://ojrd.biomedcentral.com/articles/10.1186/s13023-024-03158-1>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.





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### **Products Related to NBP1-90299**

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NBP1-90299PEP	gamma Sarcoglycan 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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