

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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technical@novusbio.com

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Updated 3/4/2026 v.20.1

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NBP1-90299

gamma Sarcoglycan Antibody - BSA Free

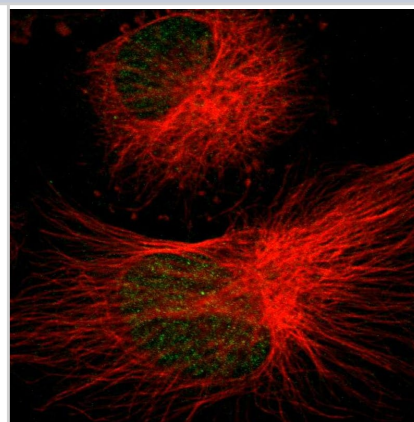
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	33 kDa

Product Description	
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: YAKEIHSRVDSSLLLQSTQNVTVNARNSEGEVTRGLKVGPKMVEVQNQQFQIN SNDGKPLFTVDEKEVVVGTDKLRVTGPEGALFEHSVETPLVRADPFQD

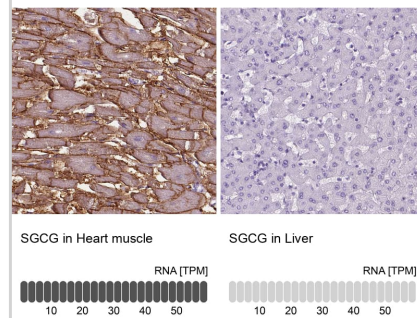
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 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

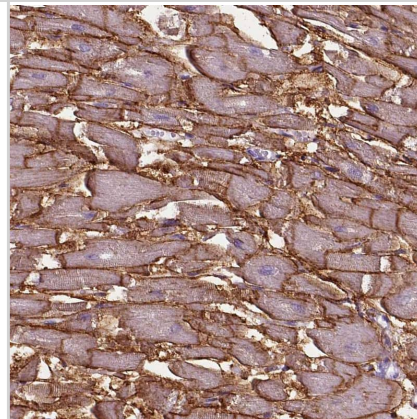
Staining of human cell line U-251 MG shows localization to nucleoplasm.



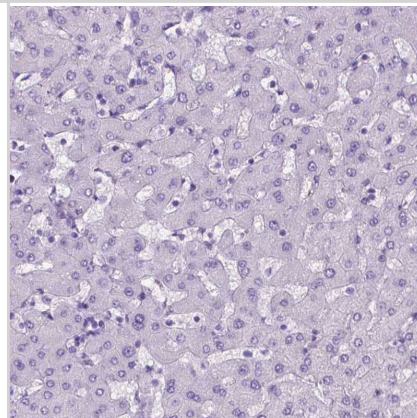
Analysis in human heart muscle and liver tissues using NBP1-90299 antibody. Corresponding SGCG RNA-seq data are presented for the same tissues.



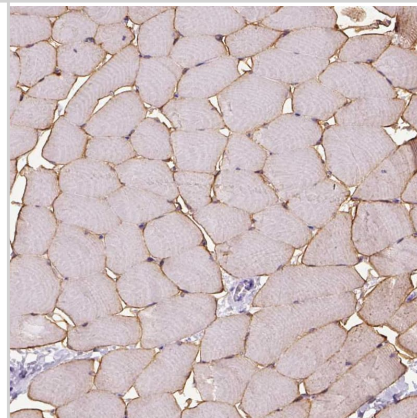
Staining of human heart muscle shows strong membranous positivity in cardiomyocytes.



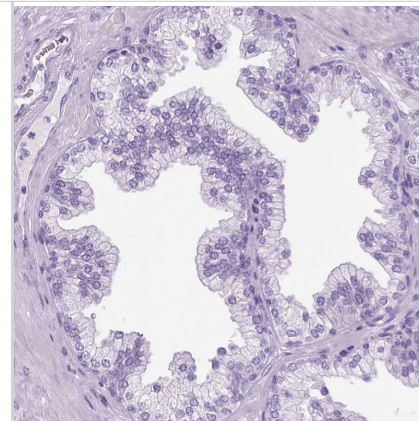
Staining of human liver shows no positivity in hepatocytes as expected.



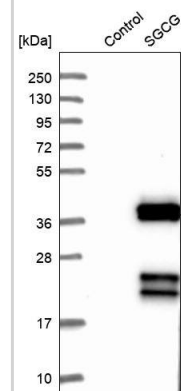
Staining of human skeletal muscle shows strong membranous positivity in myocytes.



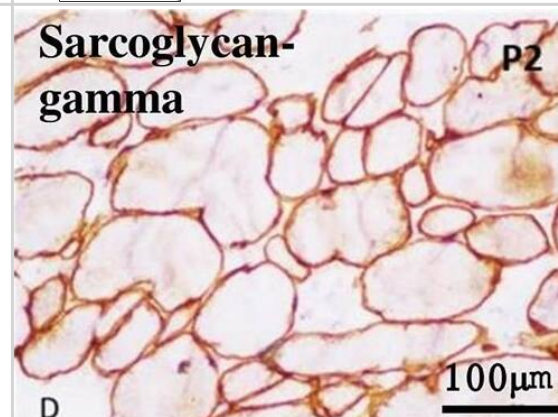
Staining of human prostate shows no positivity in glandular cells as expected.



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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-90299

NBP1-90299PEP	gamma Sarcoglycan 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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