

Product Datasheet

gamma Sarcoglycan Antibody

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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Updated 6/7/2021 v.20.1

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NBP1-90299

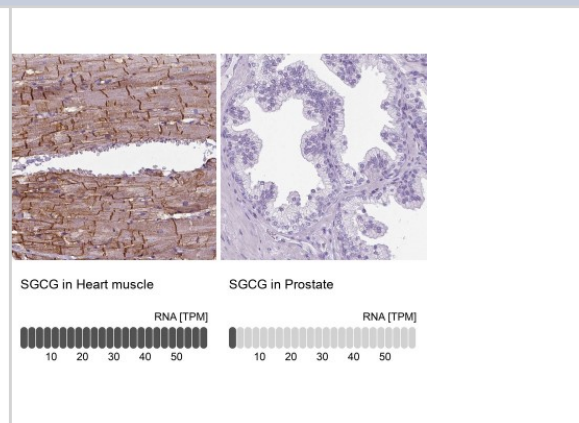
gamma Sarcoglycan Antibody

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), 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: YAKEIHSRVDSLLQSTQNVTVNARNSEGEVTRGLKVGPKMVEVQNQQFQIN SNDGKPLFTVDEKEVVVGTDKLRVTGPEGALFEHSVETPLVRADPFQD
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Immunohistochemistry-Frozen
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. Gamma Sarcoglycan antibody validated for IHC-Fr from a verified customer review.

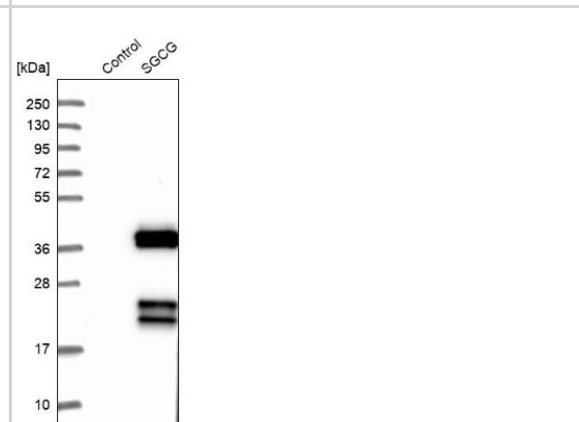


Images

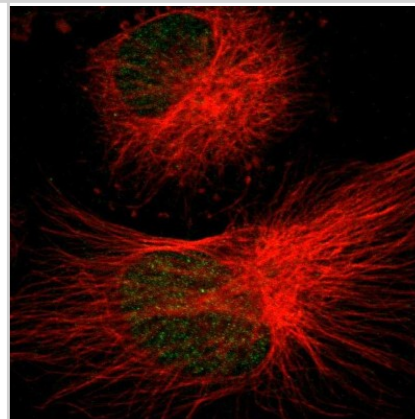
Immunohistochemistry-Paraffin: gamma Sarcoglycan Antibody [NBP1-90299] - Staining in human heart muscle and prostate tissues using anti-SGCG antibody. Corresponding SGCG RNA-seq data are presented for the same tissues.



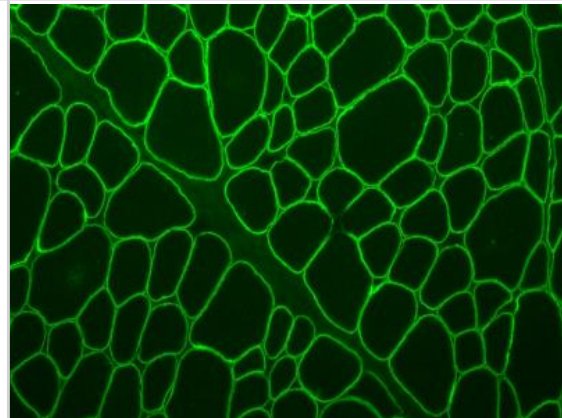
Western Blot: gamma Sarcoglycan Antibody [NBP1-90299] - Analysis in control (vector only transfected HEK293T lysate) and SGCG over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



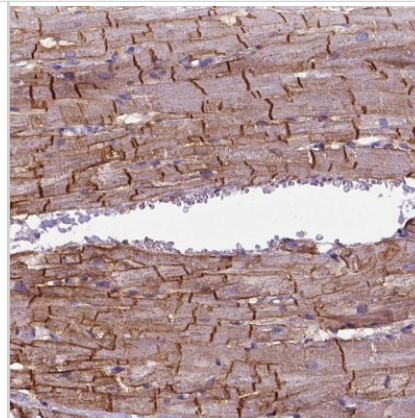
Immunocytochemistry/Immunofluorescence: gamma Sarcoglycan Antibody [NBP1-90299] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



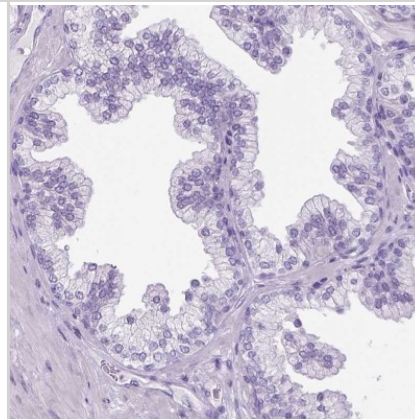
Immunohistochemistry-Frozen: gamma Sarcoglycan Antibody [NBP1-90299] - Human skeletal muscle tissue. IHC-Fr image submitted by a verified customer review.



Immunohistochemistry-Paraffin: gamma Sarcoglycan Antibody [NBP1-90299] - Staining of human heart muscle shows high expression.



Immunohistochemistry-Paraffin: gamma Sarcoglycan Antibody [NBP1-90299] - Staining of human prostate shows low expression as expected.





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Products Related to NBP1-90299

NBP1-90299PEP	gamma Sarcoglycan Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
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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