

# 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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**NBP1-90299**

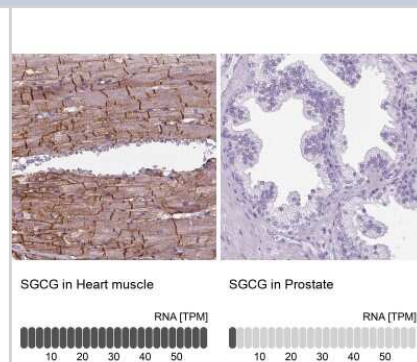
gamma Sarcoglycan Antibody - BSA Free

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	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 Validated from a verified customer review.
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

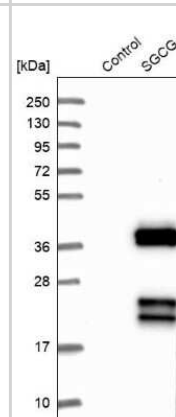


## Images

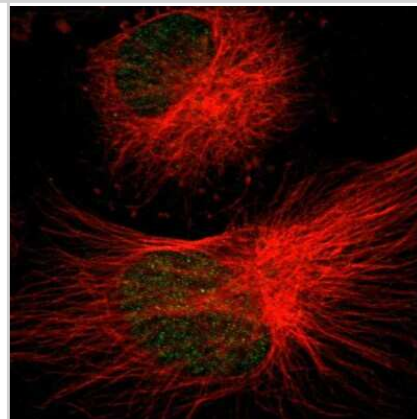
Immunohistochemistry-Paraffin: gamma Sarcoglycan Antibody [NBP1-90299] - Staining in human heart muscle and prostate tissues using anti-SGCG antibody. Corresponding SGCG RNA-seq data are presented for the same tissues.



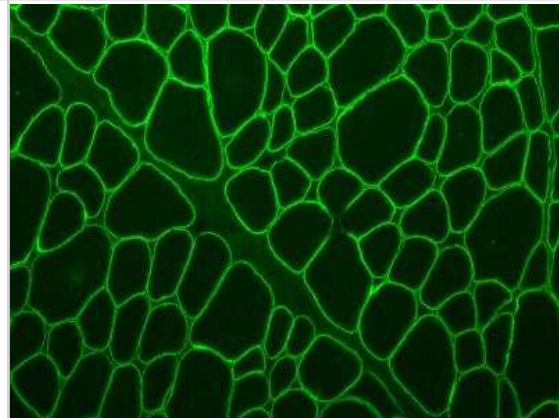
Western Blot: gamma Sarcoglycan Antibody [NBP1-90299] - Analysis in control (vector only transfected HEK293T lysate) and SGCG over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



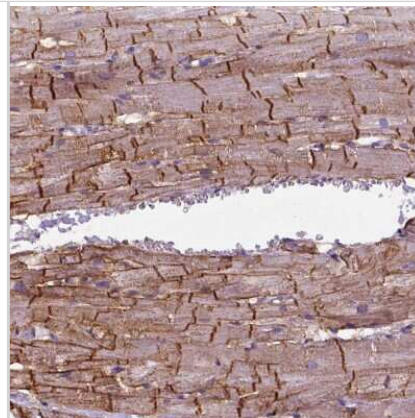
Immunocytochemistry/Immunofluorescence: gamma Sarcoglycan Antibody [NBP1-90299] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



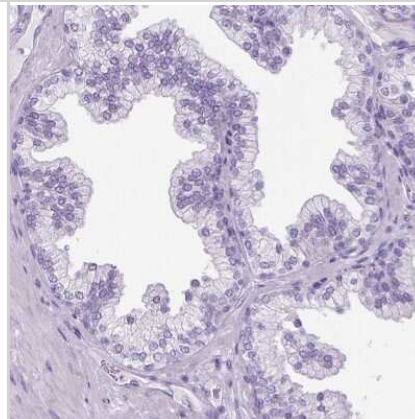
Immunohistochemistry-Frozen: gamma Sarcoglycan Antibody [NBP1-90299] - Human skeletal muscle tissue. IHC-Fr image submitted by a verified customer review.



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**

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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

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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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