

Product Datasheet

B4GALNT2 Antibody - BSA Free

NBP1-91229

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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Publications: 6

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NBP1-91229

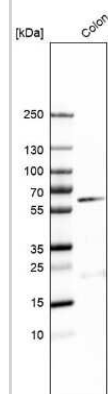
B4GALNT2 Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit B4GALNT2 Antibody - BSA Free (NBP1-91229) is a polyclonal antibody validated for use in IHC and WB. Anti-B4GALNT2 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	124872
Gene Symbol	B4GALNT2
Species	Human, Mouse, Rhesus Macaque
Reactivity Notes	Rhesus Macaque reactivity reported in scientific literature (PMID: 24145553). Mouse reactivity reported in scientific literature (PMID: 26435413).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLPEERLRNLFSDGIWLFKPNQCKCEANKEQGGYNFQDAYGQSDLPAVKAR RQAEFEHFQRREGLPRPLLLVQPNLPFGYPVHGVEVMPLHTVPIPLGLQFEGP DA
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Immunohistochemistry-Frozen Reported in scientific literature (PMID: 26435413).
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

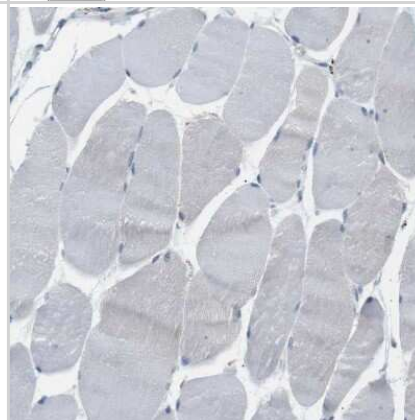


Images

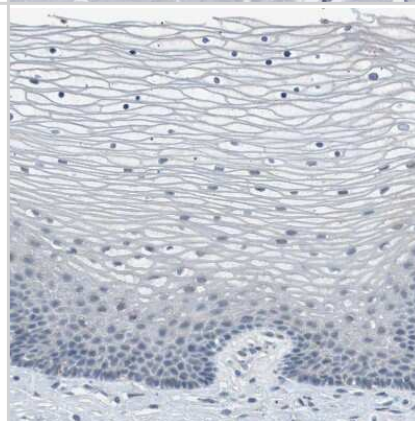
Western Blot: B4GALNT2 Antibody [NBP1-91229] - Analysis in human colon tissue.



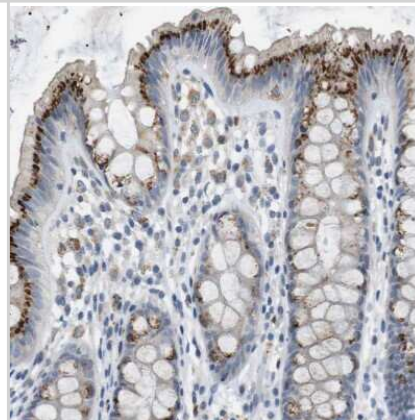
Immunohistochemistry-Paraffin: B4GALNT2 Antibody [NBP1-91229] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



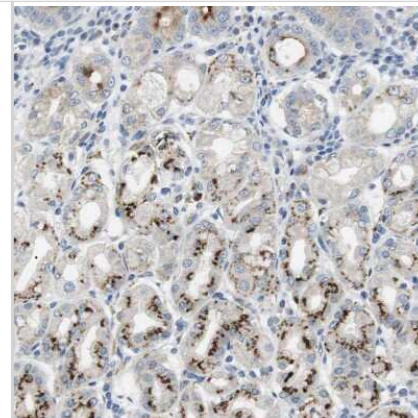
Immunohistochemistry-Paraffin: B4GALNT2 Antibody [NBP1-91229] - Staining of human cervix shows no positivity in squamous epithelial cells as expected.



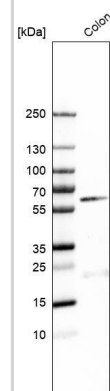
Immunohistochemistry-Paraffin: B4GALNT2 Antibody [NBP1-91229] - Staining of human colon shows strong positivity in Golgi apparatus in glandular cells.



Immunohistochemistry-Paraffin: B4GALNT2 Antibody [NBP1-91229] - Staining of human stomach shows strong positivity in Golgi apparatus in glandular cells.



Analysis in human colon tissue.



Publications

Yong Li, Yurong Cheng, Francesco Consolato, Guglielmo Schiano, Michael R. Chong, Maik Pietzner, Ngoc Quynh H. Nguyen, Nora Scherer, Mary L. Biggs, Marcus E. Kleber, Stefan Haug, Burulça Göçmen, Marie Pigeyre, Peggy Sekula, Inga Steinbrenner, Pascal Schlosser, Christina B. Joseph, Jennifer A. Brody, Morgan E. Grams, Caroline Hayward, Ulla T. Schultheiss, Bernhard K. Krämer, Florian Kronenberg, Annette Peters, Jochen Seissler, Dominik Steubl, Cornelia Then, Matthias Wuttke, Winfried März, Kai-Uwe Eckardt, Christian Gieger, Eric Boerwinkle, Bruce M. Psaty, Josef Coresh, Peter J. Oefner, Guillaume Pare, Claudia Langenberg, Jürgen E. Scherberich, Bing Yu, Shreeram Akilesh, Olivier Devuyst, Luca Rampoldi, Anna Köttgen Genome-wide studies reveal factors associated with circulating uromodulin and its relationships to complex diseases JCI Insight 2022-05-23 [PMID: 35446786]

Beyersdorf JP, Bawage S, Iglesias N et al. Robust, Durable Gene Activation In Vivo via mRNA-Encoded Activators ACS nano 2022-03-31 [PMID: 35357116] (WB, Mouse)

Sebastian A, Chang J, Mendez M et al. Comparative Transcriptomics Identifies Novel Genes and Pathways Involved in Post-Traumatic Osteoarthritis Development and Progression inflammation 2018-08-18 [PMID: 30205482] (IF/IHC, Mouse)

Xu R, Singhal N, Serinagaoglu Y et al. Deletion of Galgt2 (B4Galnt2) reduces muscle growth in response to acute injury and increases muscle inflammation and pathology in dystrophin-deficient mice. Am J Pathol. 2015-10-01 [PMID: 26435413] (WB, Mouse)

van der Post S, Hansson GC. Membrane Protein Profiling of Human Colon Reveals Distinct Regional Differences. Mol Cell Proteomics 2014-09-01 [PMID: 24889196] (IF/IHC, Human)

Chicoine Louis G, Rodino-Klapac Louise R, Shao Guohong et al. Vascular delivery of rAAVrh74.MCK.GALGT2 to the gastrocnemius muscle of the rhesus macaque stimulates the expression of dystrophin and laminin alpha2 surrogates. Mol Ther. 2014-04-01 [PMID: 24145553] (Rhesus Macaque)



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Products Related to NBP1-91229

NBP1-91229PEP	B4GALNT2 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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