

Product Datasheet

Norrin/NDP Antibody - BSA Free

NBP1-59305

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-59305

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-59305



NBP1-59305

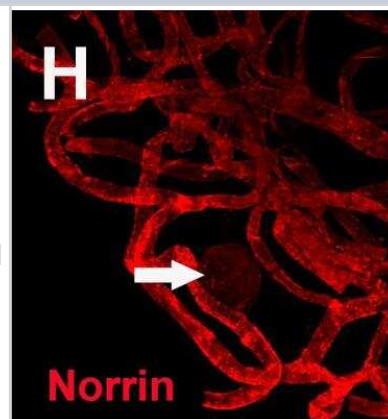
Norrin/NDP Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	4693
Gene Symbol	NDP
Species	Human
Immunogen	Synthetic peptides corresponding to NDP(Norrie disease (pseudoglioma)) The peptide sequence was selected from the middle region of NDP. Peptide sequence DPRRCMRHHYVDSISHPLYKCSSKMVLLARCEGHCSQASRSEPLVSFSTV. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 2-5 ug/ml
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID : 29284024).



Images

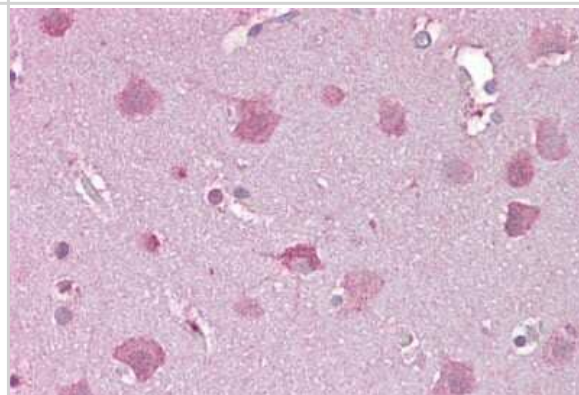
Immunocytochemistry/Immunofluorescence: Norrin/NDP Antibody [NBP1-59305] - Staining of vascular BM whole mounts with antibodies to proteins detected in the proteome analysis. A norrin-specific staining is shown to be generic for the entire vascular BM whole mounts (H), the signal, however, being less prominent in vascular aneurisms (arrow in H). Staining of vascular BM whole mounts from non-diabetic eyes showed a clearly weaker staining for norrin, when compared to vascular whole mounts from non-diabetic donors. Bar: 25um. Image collected and cropped by CiteAb from the following publication (journals.plos.org/plosone/article?id=10.1371/journal.pone.0189857), licensed under a CC-BY license.



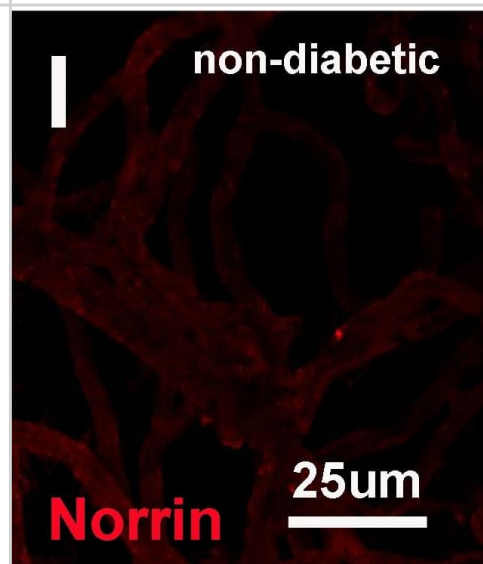
Western Blot: NDP/Norrin Antibody [NBP1-59305] - Fetal Liver tissue lysate at a concentration of 1ug/ml.



Immunohistochemistry-Paraffin: NDP/Norrin Antibody [NBP1-59305] - Human Brain, cortex tissue at an antibody concentration of 5ug/ml.



Immunocytochemistry/ Immunofluorescence: Norrin/NDP Antibody [NBP1-59305] - Staining of vascular BM whole mounts with antibodies to proteins detected in the proteome analysis. A generic staining of the vascular BMs was given by an antibody to the 7S domain of collagen IV $\alpha 3$ (A, C, E, F, G). Prominent staining for microvascular aneurisms was detected by staining with antibodies to C9 (B, C), Fibronectin (FN, E), ApoE (F) & PRELP (G). The same treatment of vascular BM whole mounts from non-diabetic eyes did not show staining for these proteins (D). A norrin-specific staining is shown to be generic for the entire vascular BM whole mounts (H), the signal, however, being less prominent in vascular aneurisms (arrow in H). Staining of vascular BM whole mounts from non-diabetic eyes showed a clearly weaker staining for norrin, when compared to vascular whole mounts from non-diabetic donors. Bar: 25um. Image collected & cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0189857>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Halfter W, Moes S, Asgeirsson DO et al. Diabetes-related changes in the protein composition and the biomechanical properties of human retinal vascular basement membranes. PLoS ONE 2017-12-28 [PMID: 29284024] (ICC/IF, Human)





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 NBP1-59305

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23294	Recombinant Human Norrin/NDP His Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-59305

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

