

Product Datasheet

Plasminogen Antibody NB300-544

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-544

Updated 10/23/2024 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/NB300-544



NB300-544**Plasminogen Antibody**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

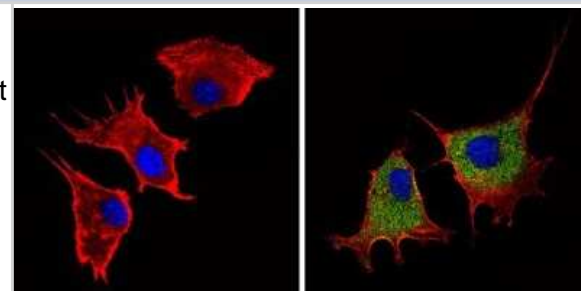
Product Description	
Host	Rabbit
Gene ID	5340
Gene Symbol	PLG
Species	Human, Mouse
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 24646176).
Immunogen	Synthetic Peptide: V(98) Y L S E C K T G I G N G Y R G T M S(116)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10 - 1:100, Immunohistochemistry-Paraffin
Application Notes	Use in Immunohistochemistry-paraffin reported in scientific literature (PMID: 30878040).

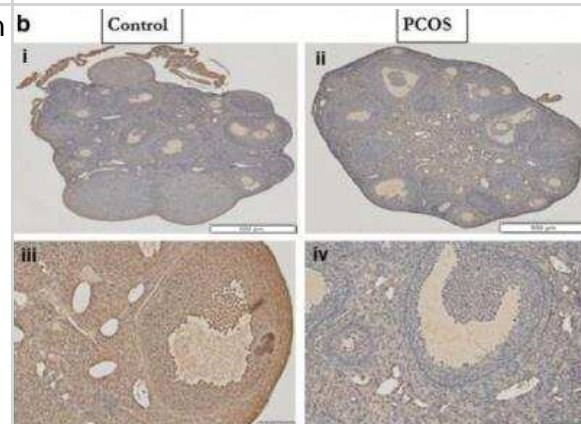


Images

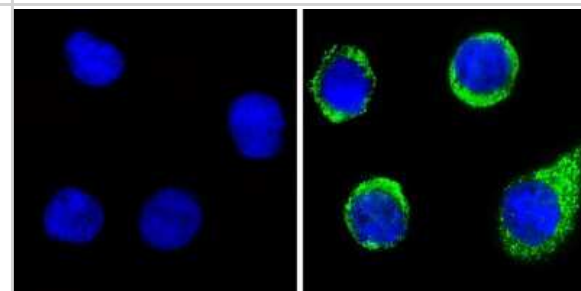
Immunocytochemistry/Immunofluorescence: Plasminogen Antibody [NB300-544] - Analysis of Angiostatin (green) showing staining in the cytoplasm of NIH-3T3 cells (right) compared to a negative control without primary antibody (left).



Immunohistochemistry: Plasminogen Antibody [NB300-544] - Expression of plasminogenin (NB300-544) in normal and PCOS mouse ovaries. Representative histological images are from normal (control) (Bi, Biii) or PCOS ovaries (Bii, Biv) stained with an anti-plasminogen only antibody. The scale bar represents 500 μ m for Bi & Bii and 100 μ m for Biii & Biv. Right: Top: Negative control for plasminogen/plasmin on mouse liver; Middle: Graphical representation comparing the percentage of ovarian staining (Area Fraction ROI) for plasminogen/plasmin and plasminogen alone between normal and PCOS ovaries for 6 replicates of each experimental group (mean \pm SD) and Bottom: Negative control for plasminogen alone on mouse liver Image collected and cropped by CiteAb from the following publication (<https://rbej.biomedcentral.com/articles/10.1186/s12958-019-0472-0>) licensed under a CC-BY license.



Immunocytochemistry/Immunofluorescence: Plasminogen Antibody [NB300-544] - Analysis of Angiostatin (green) showing staining in the cytoplasm of K562 cells (right) compared to a negative control without primary antibody (left).



Publications

Burchall GF, Pouniotis DS, Teede HJ et al. Expression of the plasminogen system in the physiological mouse ovary and in the pathological polycystic ovary syndrome (PCOS) state Reprod. Biol. Endocrinol. 2019-03-16 [PMID: 30878040] (IHC-P, Mouse)

Nocito A, Dahm F, Jochum W et al. Serotonin Regulates Macrophage-Mediated Angiogenesis in a Mouse Model of Colon Cancer Allografts. Cancer Res;68(13):5152-5158. 2008-01-01 [PMID: 18593914]

Agarwal, A et al. N-Acetyl-Cysteine Promotes Angiostatin Production Vascular Collapse in an Orthotopic Model of Breast Cancer. Am J Pathol 164: 1683-1696. 2004-01-01 [PMID: 15111315]



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 NB300-544

NBL1-14513	Plasminogen Overexpression Lysate
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.

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/NB300-544

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

