

Product Datasheet

Plasminogen Antibody NB300-544

Unit Size: 100 ug

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

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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

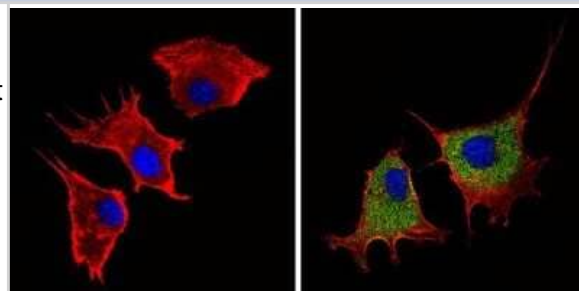
Product Description	
Description	Novus Biologicals Rabbit Plasminogen Antibody (NB300-544) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Plasminogen Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5340
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, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
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).

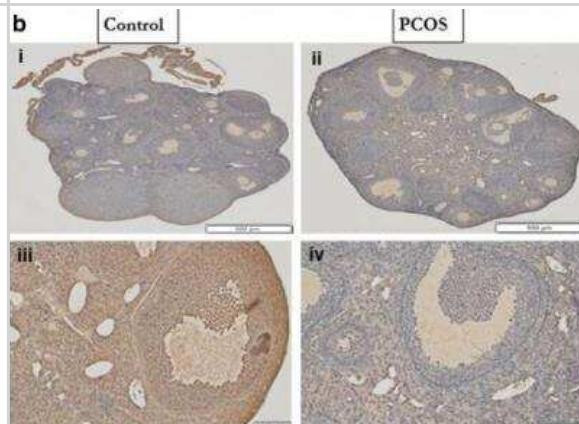


Images

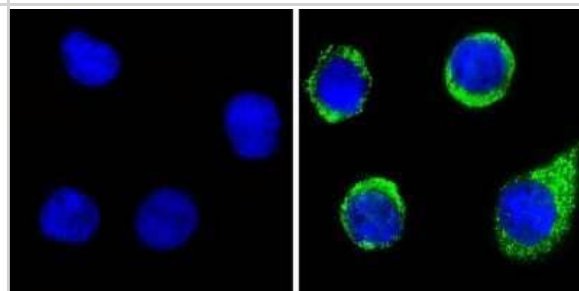
Immunocytochemistry/Immunofluorescence: Plasminogen Antibody [NB300-544] - Analysis of Angiostatin (green) showing staining in the cytoplasm of NIH-3T3 cells (right) compared to a negative control without primary antibody (left).



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 um for Bi & Bii and 100 um 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 +/- 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]



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Products Related to NB300-544

NBL1-14513	Plasminogen Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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