

Product Datasheet

Plasminogen Antibody NBP2-19859

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-19859

Plasminogen Antibody

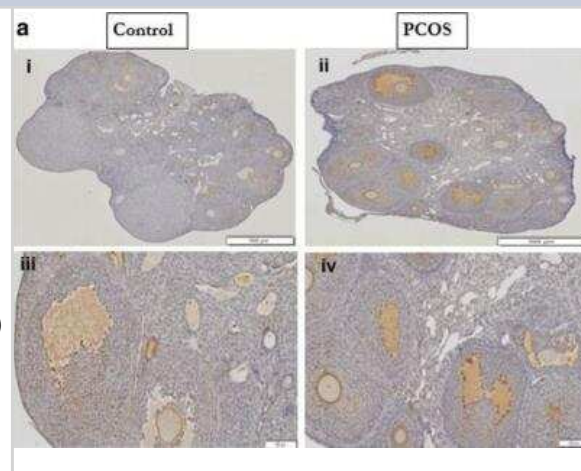
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	91 kDa

Product Description	
Description	Novus Biologicals Rabbit Plasminogen Antibody (NBP2-19859) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Plasminogen Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5340
Gene Symbol	PLG
Species	Human, Mouse, Rat
Reactivity Notes	Bovine (81%), Dog (81%), Pig (80%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Plasminogen. The exact sequence is proprietary.

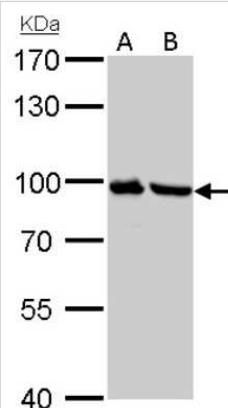
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

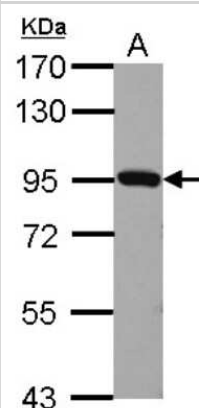
Immunohistochemistry: Plasminogen Antibody [NBP2-19859] - Expression of plasminogen/plasmin (NBP2-19859) in normal and PCOS mouse ovaries. Representative histological images are from normal (control) (Ai, Aiii) or PCOS ovaries (Aii, Aiv) stained with an anti-plasminogen/plasmin antibody. The scale bar represents 500 um for Ai, Aii and 100 um for Aiii, Aiv. 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.



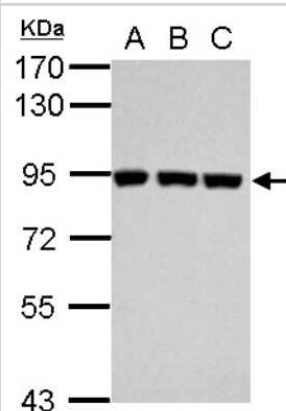
Western Blot: Plasminogen Antibody [NBP2-19859] - Plasminogen antibody detects PLG protein by Western blot analysis. A. 30 ug PC-12 whole cell lysate/extract B. 30 ug Rat2 whole cell lysate/extract 7.5 % SDS-PAGE Plasminogen antibody dilution: 1:1000.



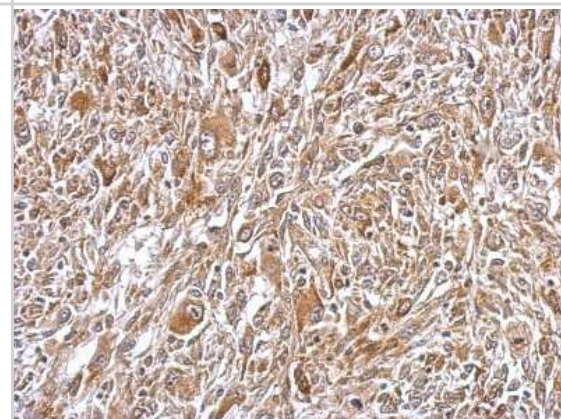
Western Blot: Plasminogen Antibody [NBP2-19859] - Sample (30 ug of whole cell lysate) A: BCL-1 7.5% SDS PAGE gel, diluted at 1:1000.



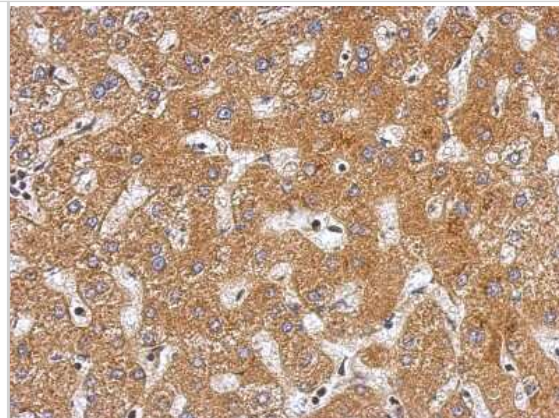
Western Blot: Plasminogen Antibody [NBP2-19859] - Sample (30 ug of whole cell lysate) A: Jurkat B: Raji C: K562 7.5% SDS PAGE gel, diluted at 1:1000.



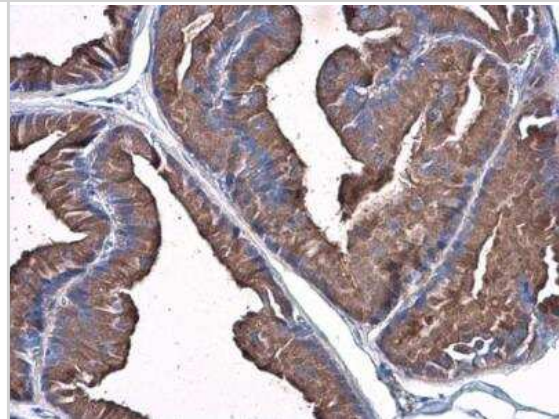
Immunohistochemistry-Paraffin: Plasminogen Antibody [NBP2-19859] - Immunohistochemical analysis of paraffin-embedded C2C12 xenograft, using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: Plasminogen Antibody [NBP2-19859] - Immunohistochemical analysis of paraffin-embedded Hepatoma, using antibody at 1:500 dilution.



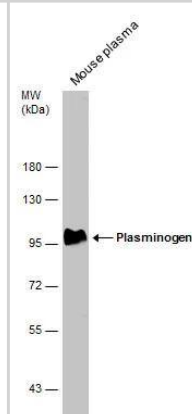
Immunohistochemistry-Paraffin: Plasminogen Antibody [NBP2-19859] - Paraffin-embedded rat prostate Plasminogen antibody diluted at 1:500.



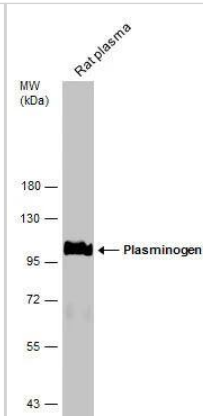
Human tissue extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Plasminogen antibody (NBP2-19859) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Mouse tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Plasminogen antibody (NBP2-19859) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Rat tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Plasminogen antibody (NBP2-19859) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



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)



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Products Related to NBP2-19859

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.

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