

# Product Datasheet

## PEX3 Antibody - BSA Free NBP3-18138

Unit Size: 0.1 mg

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

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**NBP3-18138**

PEX3 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS

**Product Description**

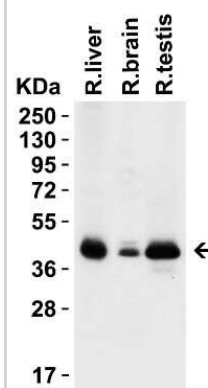
<b>Description</b>	Novus Biologicals Rabbit PEX3 Antibody - BSA Free (NBP3-18138) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-PEX3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8504
<b>Gene Symbol</b>	PEX3
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Antibody was raised against a peptide corresponding to 12 amino acids near the carboxyl terminal of human PEX3. The immunogen is located within last 50 amino acids of PEX3.

**Product Application Details**

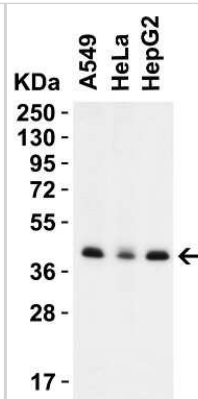
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 2 ug/mL, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 20 ug/mL

**Images**

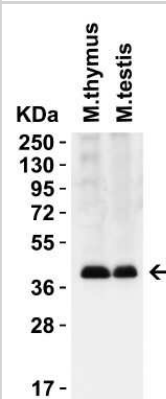
Western Blot: PEX3 Antibody - BSA Free [NBP3-18138] - Western Blot Validation in Rat Tissues. Loading: 15 ug of lysates per lane. Antibodies: PEX3 NBP3-18138, 2 ug/mL, 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10,000 dilution.



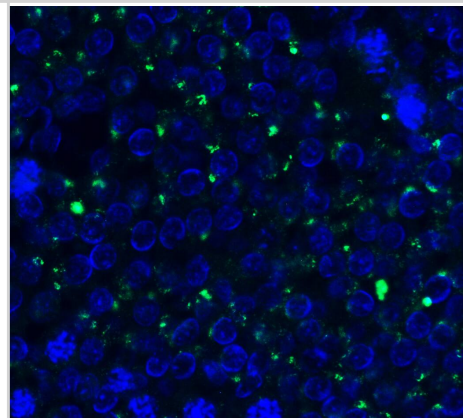
Western Blot: PEX3 Antibody - BSA Free [NBP3-18138] - WB Validation in Human Cell Lines. Loading: 15 ug of lysate Antibodies: PEX3 NBP3-18138, 2 ug/mL, 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10,000 dilution.



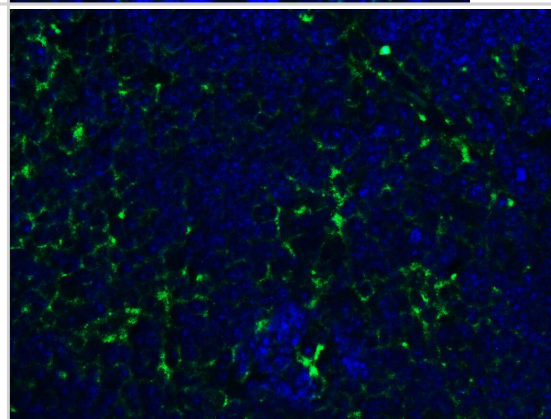
Western Blot: PEX3 Antibody - BSA Free [NBP3-18138] - Western Blot Validation in Mouse Tissues. Loading: 15 ug of lysates per lane. Antibodies: PEX3 NBP3-18138, 2 ug/mL, 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10,000 dilution.



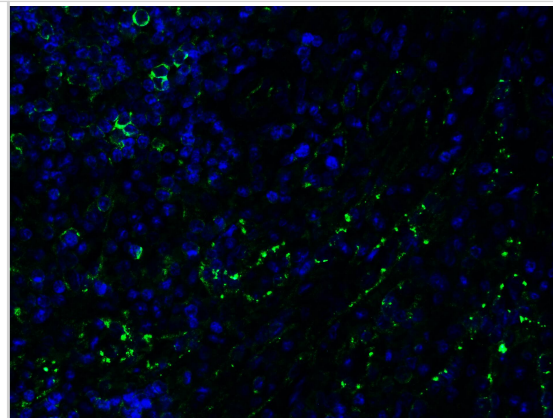
Immunohistochemistry: PEX3 Antibody - BSA Free [NBP3-18138] - Validation of PEX3 in Rat testis. Immunofluorescent analysis of 4% paraformaldehyde-fixed rat testis labeling PEX3 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



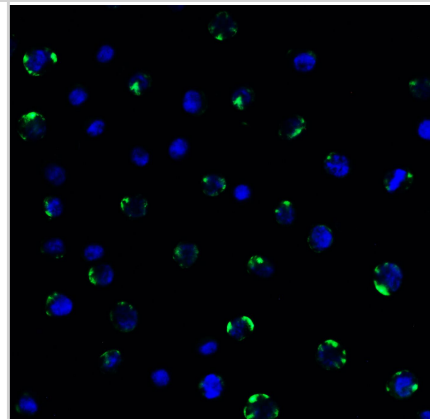
Immunohistochemistry: PEX3 Antibody - BSA Free [NBP3-18138] - Figure 6 Immunofluorescence Validation of PEX3 in Mouse Thymus. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse thymus labeling PEX3 with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunohistochemistry: PEX3 Antibody - BSA Free [NBP3-18138] - Figure 5 Immunofluorescence Validation of PEX3 in Human Spleen  
Immunofluorescent analysis of 4% paraformaldehyde-fixed human spleen labeling PEX3 with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunocytochemistry/ Immunofluorescence: PEX3 Antibody - BSA Free [NBP3-18138] - Validation of PEX3 in Human HeLa Cells.  
Immunofluorescent analysis of 4% paraformaldehyde-fixed HeLa cells labeling PEX3 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



## Publications

Oh J, Kim DK, Ahn SH, Kim HM et Al. A dual role of the conserved PEX19 helix in safeguarding peroxisomal membrane proteins iScience 2024-04-08 [PMID: 38585659]



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### **Products Related to NBP3-18138**

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NBP3-18138PEP	PEX3 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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