

# Product Datasheet

## Cyclophilin B Antibody (CL3901) - BSA Free NBP2-59781

Unit Size: 100 ul

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

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**NBP2-59781**

Cyclophilin B Antibody (CL3901) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL3901
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

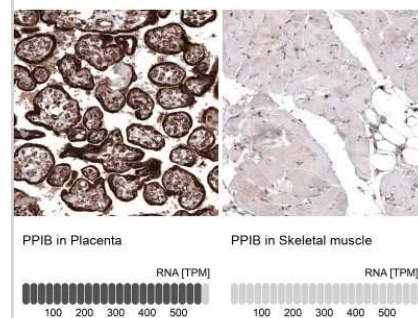
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Cyclophilin B Antibody (CL3901) - BSA Free (NBP2-59781) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5479
<b>Gene Symbol</b>	PPIB
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
<b>Immunogen</b>	This antibody was developed using a synthetic peptide derived from P23284, with the exact immunogen sequence remaining proprietary.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunohistochemistry-Paraffin 1:5000 - 1:10000, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

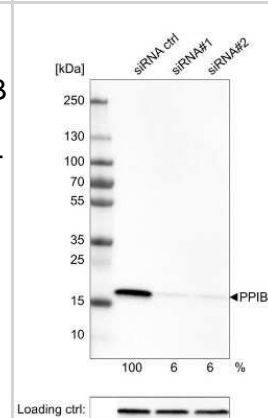


## Images

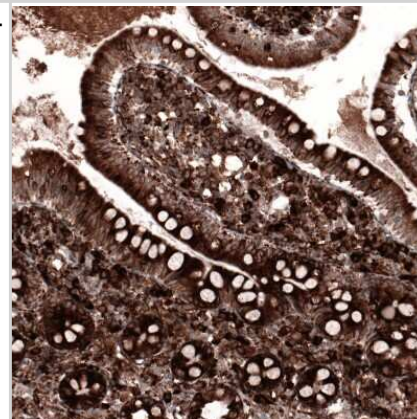
Immunohistochemistry-Paraffin: Cyclophilin B Antibody (CL3901) [NBP2-59781] - Analysis in human placenta and skeletal muscle tissues using NBP2-59781 antibody. Corresponding PPIB RNA-seq data are presented for the same tissues.



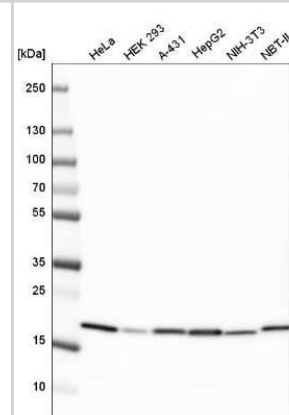
Western Blot: Cyclophilin B Antibody (CL3901) [NBP2-59781] - Analysis of extracts from U-251 cells, transfected with: control siRNA, target specific siRNA probe #1, target specific siRNA probe #2, using Anti-PPIB monoclonal antibody. Downregulation of antibody signal confirms target specificity. Remaining % intensity, relative control lane, is indicated. Anti-GAPDH monoclonal antibody was used as loading control.



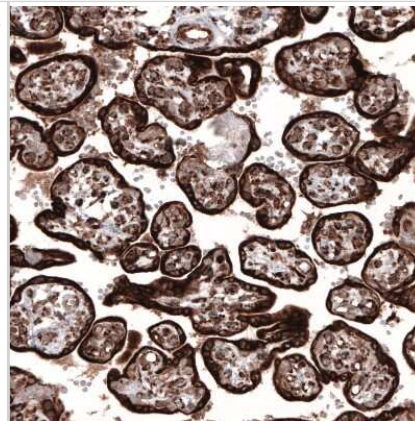
Immunohistochemistry-Paraffin: Cyclophilin B Antibody (CL3901) [NBP2-59781] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



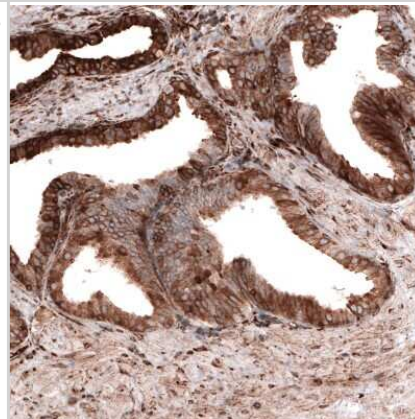
Western Blot: Cyclophilin B Antibody (CL3901) [NBP2-59781] - Analysis in human cell line HeLa, human cell line HEK 293, human cell line A-431, human cell line HepG2, mouse cell line NIH-3T3 and rat cell line NBT-II.



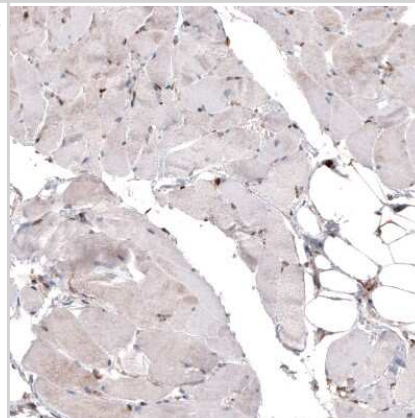
Immunohistochemistry-Paraffin: Cyclophilin B Antibody (CL3901) [NBP2-59781] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: Cyclophilin B Antibody (CL3901) [NBP2-59781] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Cyclophilin B Antibody (CL3901) [NBP2-59781] - Staining of human skeletal muscle shows negative to very weak cytoplasmic positivity in myocytes.





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### **Products Related to NBP2-59781**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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