

# Product Datasheet

## Cyclophilin B Antibody - BSA Free NBP1-85358

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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**NBP1-85358**

Cyclophilin B Antibody - BSA Free

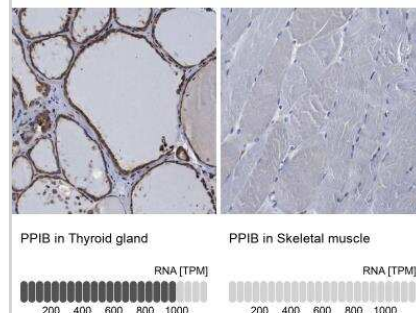
Product Information	
Unit Size	0.1 ml
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5479
Gene Symbol	PPIB
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LKHYPGWVSMANAGKDTNGSQFFITTVKTAWLDGKHVVFGKVLEGMEVVRK VESTKTDSRDKPLKDVIIADCGKIEVEKPFIAIKE

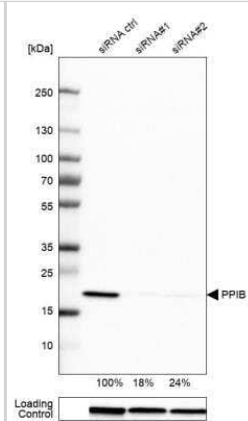
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western Validated from a verified customer review, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

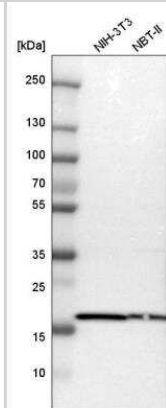
Immunohistochemistry-Paraffin: Cyclophilin B Antibody [NBP1-85358] - Staining in human thyroid gland and skeletal muscle tissues using anti-PPIB antibody. Corresponding PPIB RNA-seq data are presented for the same tissues.



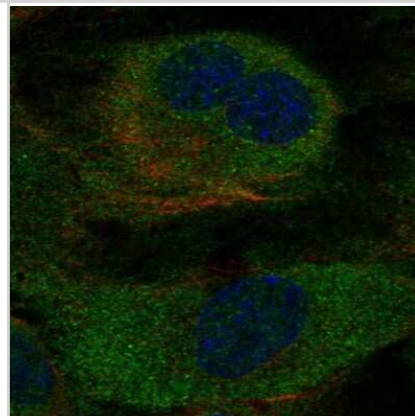
Western Blot: Cyclophilin B Antibody [NBP1-85358] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



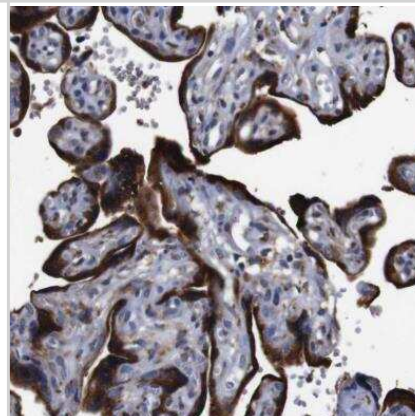
Western Blot: Cyclophilin B Antibody [NBP1-85358] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



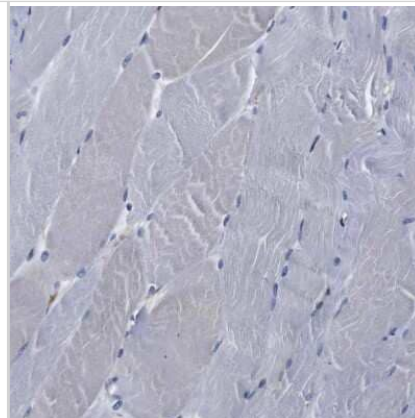
Immunocytochemistry/Immunofluorescence: Cyclophilin B Antibody [NBP1-85358] - Staining of human cell line HUVEC TERT2 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



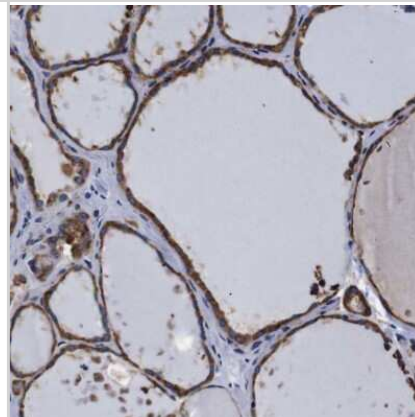
Immunohistochemistry-Paraffin: Cyclophilin B Antibody [NBP1-85358] - Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



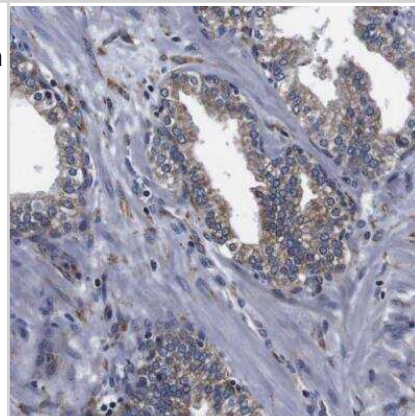
Immunohistochemistry-Paraffin: Cyclophilin B Antibody [NBP1-85358] - Staining of human skeletal muscle shows low expression as expected.



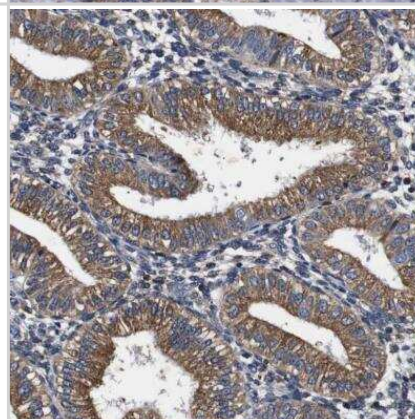
Immunohistochemistry-Paraffin: Cyclophilin B Antibody [NBP1-85358] - Staining of human thyroid gland shows high expression.



Immunohistochemistry-Paraffin: Cyclophilin B Antibody [NBP1-85358] - Staining of human prostate shows weak granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Cyclophilin B Antibody [NBP1-85358] - Staining of human endometrium shows moderate granular cytoplasmic positivity in glandular cells.



## Publications

Hayashi T, Saito T, Fujimura T et al. Galectin-4, a Novel Predictor for Lymph Node Metastasis in Lung Adenocarcinoma. PLoS One 2013-01-01 [PMID: 24339976]

van Dijk FS, Nesbitt IM, Zwikstra EH et al. PPIB mutations cause severe osteogenesis imperfecta. Am J Hum Genet 2009-10-01 [PMID: 19781681]



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### **Products Related to NBP1-85358**

NBP1-85358PEP

Cyclophilin B Recombinant Protein Antigen

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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