

# Product Datasheet

## PBR Antibody (CL13359) - BSA Free NBP3-18560-100ul

Unit Size: 100 ul

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

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**NBP3-18560-100ul**

PBR Antibody (CL13359) - BSA Free

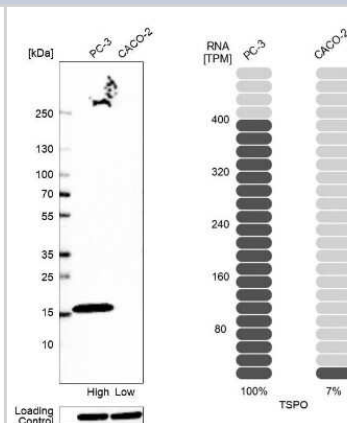
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13359
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse PBR Antibody (CL13359) - BSA Free (NBP3-18560) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	706
Gene Symbol	TSPO
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P30536, with the exact immunogen sequence remaining proprietary.

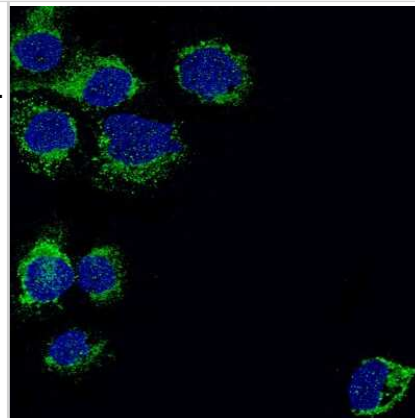
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

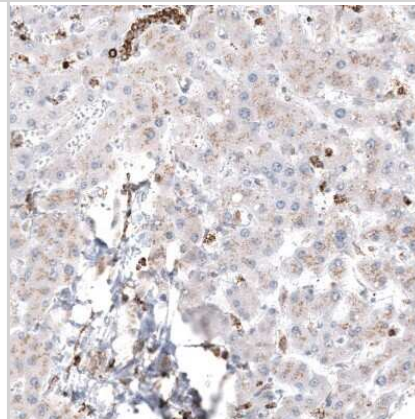
Western Blot: PBR Antibody (CL13359) [NBP3-18560] - Analysis in human cell line PC-3 and human cell line CACO-2.



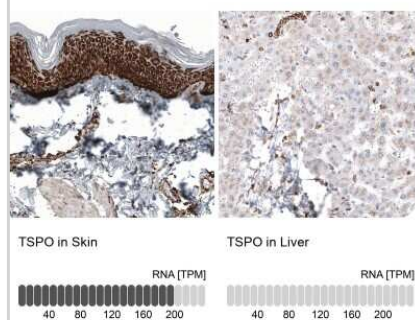
Immunocytochemistry/Immunofluorescence: PBR Antibody (CL13359) [NBP3-18560] - Staining of A-431 cells using the Anti-TSPO monoclonal antibody, showing specific staining in mitochondria and vesicles in green. Nuclear probes are visualized in blue (where available).



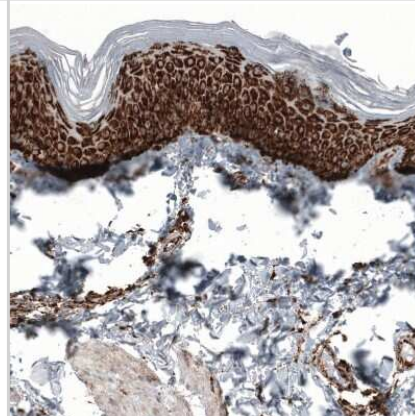
Immunohistochemistry-Paraffin: PBR Antibody (CL13359) [NBP3-18560] - Staining of human liver shows weak cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: PBR Antibody (CL13359) [NBP3-18560] - Analysis in human skin and liver tissues using NBP3-18560 antibody. Corresponding TSPO RNA-seq data are presented for the same tissues.



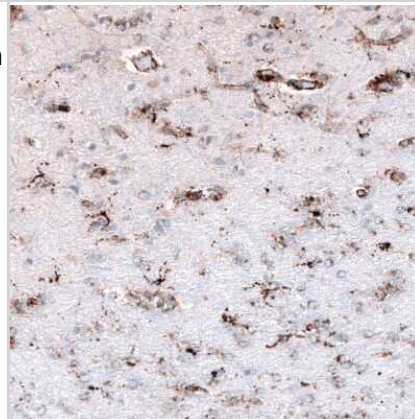
Immunohistochemistry-Paraffin: PBR Antibody (CL13359) [NBP3-18560] - Staining of human skin shows strong granular cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: PBR Antibody (CL13359) [NBP3-18560]  
- Staining of human tonsil shows moderate to strong granular positivity in lymphoid cells.



Immunohistochemistry-Paraffin: PBR Antibody (CL13359) [NBP3-18560]  
- Staining of human cerebral cortex shows moderate granular positivity in glial cells.





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### **Products Related to NBP3-18560-100ul**

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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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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