

# Product Datasheet

## PBR Antibody NBP1-45769-0.025mg

Unit Size: 0.025 mg

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

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



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**NBP1-45769-0.025mg**

PBR Antibody

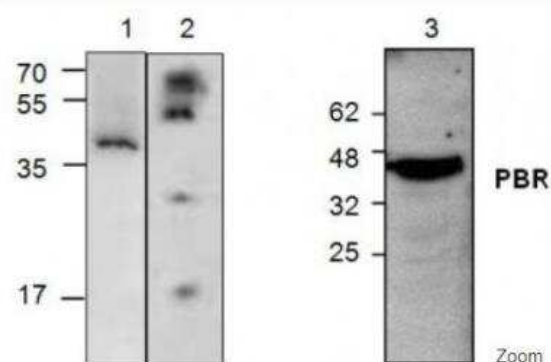
Product Information	
Unit Size	0.025 mg
Concentration	0.5 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2), 0.5% BSA, 30% Glycerol

Product Description	
Description	This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab2305)
Host	Rabbit
Gene ID	706
Gene Symbol	TSPO
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide surrounding amino acid 81 of mouse PBR (BAA04749).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-4 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 10-20 ug/ml

**Images**

Western Blot: PBR Antibody [NBP1-45769] - Analysis of PBR expression using: Lane 1: Jurkat cell lysate Lane 2: Recombinant PBR Lane 3: Rat kidney tissue lysate



## Publications

Hermanns N, Wroblewski V, BascuNana P Et al. Molecular imaging of the brain-heart axis provides insights into cardiac dysfunction after cerebral ischemia Basic Res Cardiol 2022-10-24 [PMID: 36279013] (IHC-Fr, Mouse)

### Details:

Citation using the Biotin version of this antibody.

Zhu, XX;He, YL;Xie, JK;Wang, KX;Wang, SC;Xie, Q; Efficient and automatic synthesis of TSPO PET ligand [18F]-GE-180 and its application in rheumatoid arthritis model Applied radiation and isotopes : including data, instrumentation and methods for use in agriculture, industry and medicine [PMID: 35349890] (IF/IHC, Rat)

Tian J, Zheng Y, Mou T et al. Metformin confers longitudinal cardiac protection by preserving mitochondrial homeostasis following myocardial ischemia/reperfusion injury Research Square 2022-04-13 [PMID: 36322187] (IF/IHC, Rat)

Ory, D, Planas, A Et al. PET imaging of TSPO in a rat model of local neuroinflammation induced by intracerebral injection of lipopolysaccharide. Nucl Med Biol 2015-10-01 [PMID: 26220690] (IHC, Human)

Foss CA, Liu L, Mease RC et al. Imaging Macrophage Accumulation in a Murine Model of Chronic Pancreatitis with [(125)I]iodoDPA SPECT-CT. J. Nucl. Med. 2017-05-18 [PMID: 28522739]





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### **Products Related to NBP1-45769-0.025mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000706-P01-10ug	Recombinant Human PBR GST (N-Term) Protein

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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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