

Product Datasheet

PSMA1 Antibody - BSA Free NBP1-81768

Unit Size: 0.1 ml

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

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Publications: 1

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NBP1-81768

PSMA1 Antibody - BSA Free

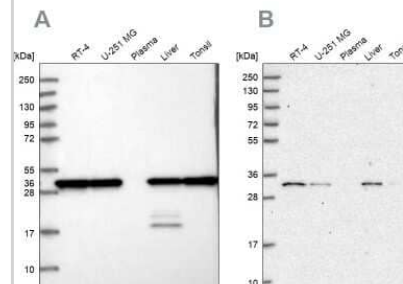
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5682
Gene Symbol	PSMA1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SQSARTYLERHMSEFMECNLNELVKHGLRALRETLPAEQDLTTKNVSIQVIGKD LEFTIYDDDDVSPFLEGLEERPQRKAQPAQPADEP

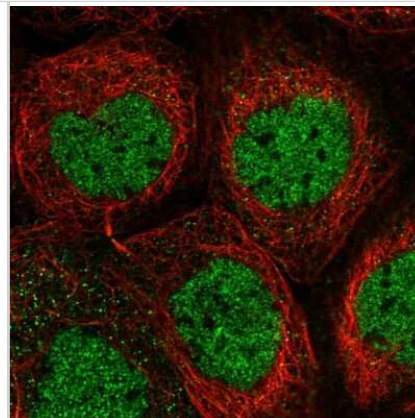
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

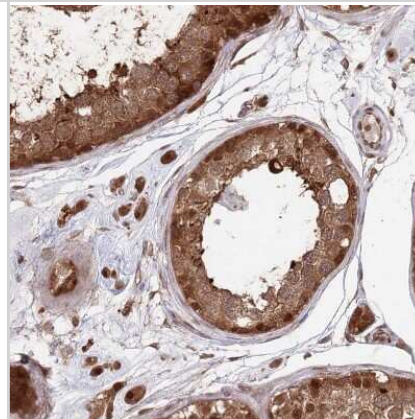
Western Blot: PSMA1 Antibody [NBP1-81768] - Analysis using Anti-PSMA1 antibody NBP1-81768 (A) shows similar pattern to independent antibody NBP2-37908 (B).



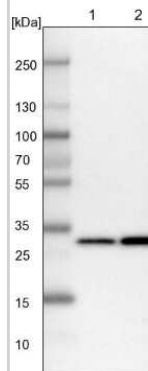
Immunocytochemistry/Immunofluorescence: PSMA1 Antibody [NBP1-81768] - Staining of human cell line A-431 shows localization to nucleoplasm. Antibody staining is shown in green.



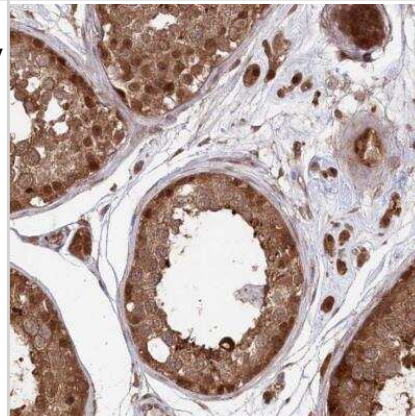
Immunohistochemistry-Paraffin: PSMA1 Antibody [NBP1-81768] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



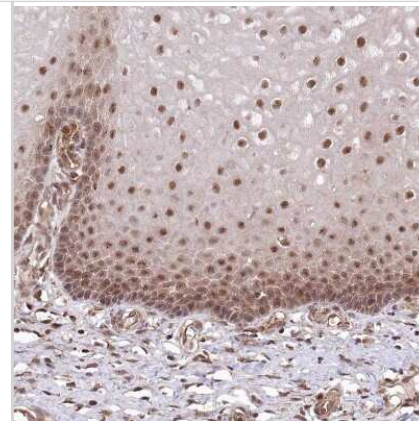
Western Blot: PSMA1 Antibody [NBP1-81768] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



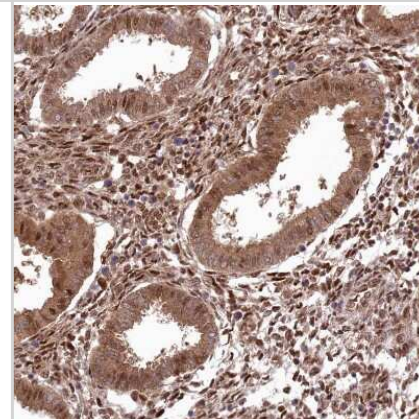
Immunohistochemistry-Paraffin: PSMA1 Antibody [NBP1-81768] - Staining of human testis shows distinct cytoplasmic and nuclear positivity in cells in seminiferous ducts and Leydig cells.



Immunohistochemistry-Paraffin: PSMA1 Antibody [NBP1-81768] - Staining of human cervix, uterine shows moderate to strong nuclear positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: PSMA1 Antibody [NBP1-81768] - Staining of human endometrium shows moderate to strong nuclear positivity in glandular cells.



Publications

Lee HS, Suh JY, Kang BC, Lee E. Lipotoxicity dysregulates the immunoproteasome in podocytes and kidneys in type 2 diabetes. *Am J Physiol Renal Physiol* 2021-02-15 [PMID: 33586497]



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Products Related to NBP1-81768

NBP1-81768PEP	PSMA1 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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