

Product Datasheet

PGD2 Synthase/PTGDS Antibody - BSA Free NBP1-79280

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-79280

Updated 2/21/2025 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-79280



NBP1-79280

PGD2 Synthase/PTGDS Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	21 kDa

Product Description

Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	5730
Gene Symbol	PTGDS
Species	Human, Mouse
Immunogen	Synthetic peptide directed towards the N terminal of human PTGDSThe immunogen for this antibody is PTGDS (NP_000945). Peptide sequence MATHHTLWMGLALLGVLDLQAAPEAQVSVQPNFQQDKFLGRWFSAGLAS. The peptide sequence for this immunogen was taken from within the described region.

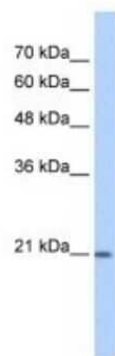
Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 4-8 ug/ml

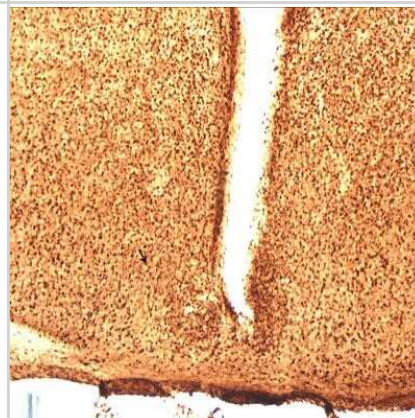


Images

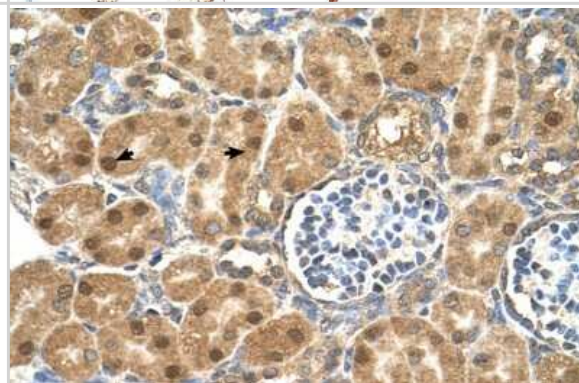
Western Blot: PGD2 Synthase/PTGDS Antibody [NBP1-79280] -
Titration: 1 ug/ml Positive Control: HepG2 cell lysate.



Immunohistochemistry-Paraffin: PGD2 Synthase/PTGDS Antibody [NBP1-79280] - Staining of mouse brain . Image provided by Allison Brager - Department of Neurobiology, Morehouse School of Medicine.



Immunohistochemistry-Paraffin: PGD2 Synthase/PTGDS Antibody [NBP1-79280] - Human kidney Tissue, antibody concentration 4-8ug/ml. Cells with positive label: renal corpuscle cells (indicated with arrows) 400X magnification.



Publications

Rittchen S, Jandl K, Lanz I et al. Monocytes and Macrophages Serve as Potent Prostaglandin D(2) Sources during Acute, Non-Allergic Pulmonary Inflammation International Journal of Molecular Sciences 2021-10-28 [PMID: 34769126]

Huang HL, Huang YC, Lee WY et al. 18F-Glutathione Conjugate as a PET Tracer for Imaging Tumors that Overexpress L-PGDS Enzyme PLoS ONE 2014-08-12 [PMID: 25111383]

Lovell,MA. Neurology 70 (23), 2212-2218. 2008-01-01 [PMID: 18448869]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-79280

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB110-59911PEP	PGD2 Synthase/PTGDS Antibody Blocking Peptide

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-79280

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

