

# Product Datasheet

## PGD2 Synthase/PTGDS Antibody - BSA Free NBP1-81291

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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**NBP1-81291**

PGD2 Synthase/PTGDS Antibody - BSA Free

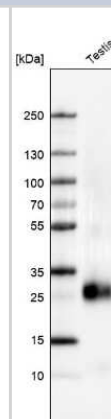
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit PGD2 Synthase/PTGDS Antibody - BSA Free (NBP1-81291) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5730
Gene Symbol	PTGDS
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SWLREKKAALSMCKSVVAPATDGGNLNSTFLRKNQCETRTMLLQPAGSLGS YSYRSPHWGSTYSVSVVETDYDQYALLYSQGSKGPGEDFRMATLYSRTQT

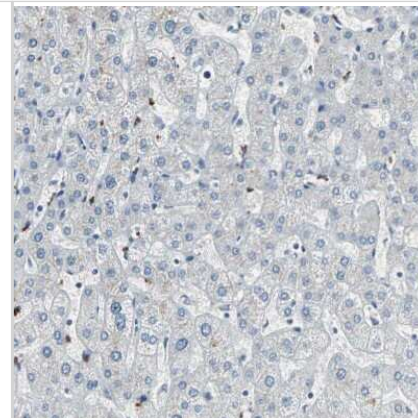
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

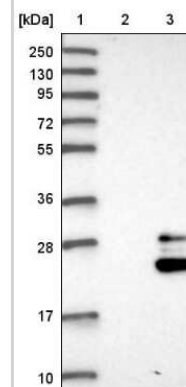
Western Blot: PGD2 Synthase/PTGDS Antibody [NBP1-81291] - Analysis in human testis tissue.



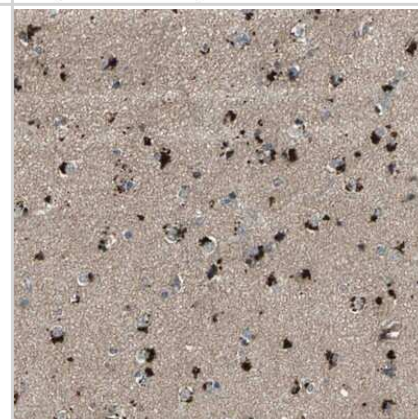
Immunohistochemistry-Paraffin: PGD2 Synthase/PTGDS Antibody [NBP1-81291] - Staining of human liver shows no positivity in hepatocytes as expected.



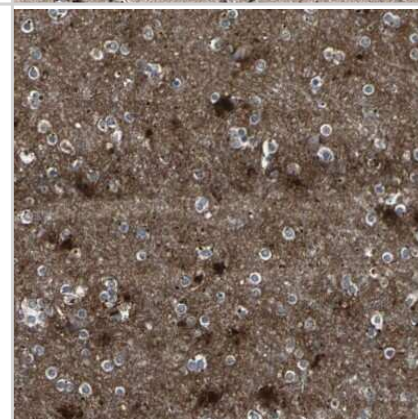
Western Blot: PGD2 Synthase/PTGDS Antibody [NBP1-81291] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Negative control (vector only transfected HEK293T lysate). Lane 3: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



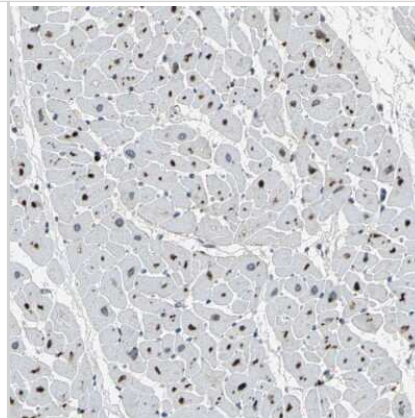
Immunohistochemistry-Paraffin: PGD2 Synthase/PTGDS Antibody [NBP1-81291] - Staining of human lateral ventricle shows strong cytoplasmic positivity in granular pattern in glial and neuronal cells.



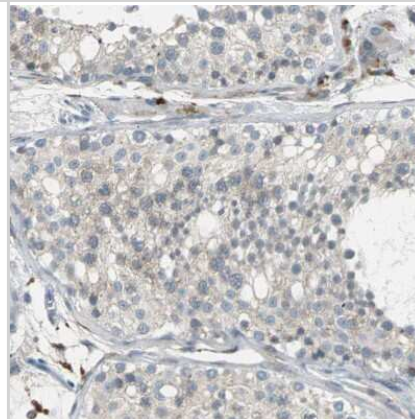
Immunohistochemistry-Paraffin: PGD2 Synthase/PTGDS Antibody [NBP1-81291] - Staining of human cerebral cortex shows strong positivity in neurons.



Immunohistochemistry-Paraffin: PGD2 Synthase/PTGDS Antibody [NBP1-81291] - Staining of human heart shows strong positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: PGD2 Synthase/PTGDS Antibody [NBP1-81291] - Staining of human testis shows moderate cytoplasmic positivity in Leydig cells.





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### **Products Related to NBP1-81291**

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NBP1-81291PEP	PGD2 Synthase/PTGDS Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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