

# Product Datasheet

## 15-PGDH/HPGD Antibody - BSA Free NBP1-87062

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: 2

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**NBP1-87062**

15-PGDH/HPGD Antibody - BSA Free

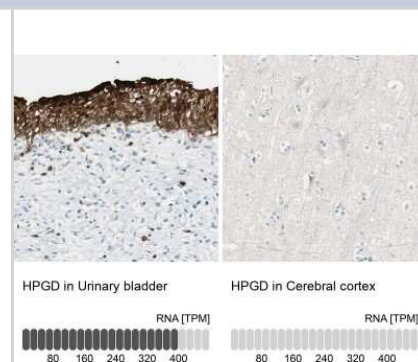
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3248
Gene Symbol	HPGD
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23390522)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VDWNLEAGVQCKAALDEQFEPQKTLFIQCDVADQQQLRDTFRKVVDFHGRLDI LVNNAGVNNEKNWEKTLQINLVSVISGYTLGLDYMSKQNGGEGGIIINMSSLAG LMPVAQQPV

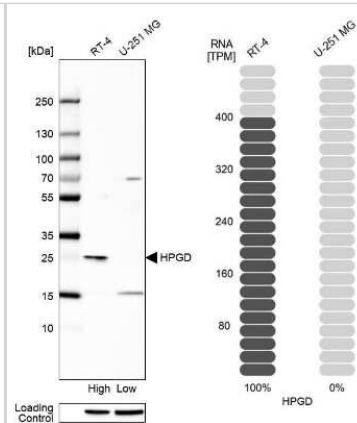
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

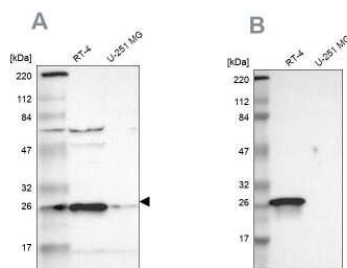
Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87062] - Analysis in human urinary bladder and cerebral cortex tissues using NBP1-87062 antibody. Corresponding HPGD RNA-seq data are presented for the same tissues.



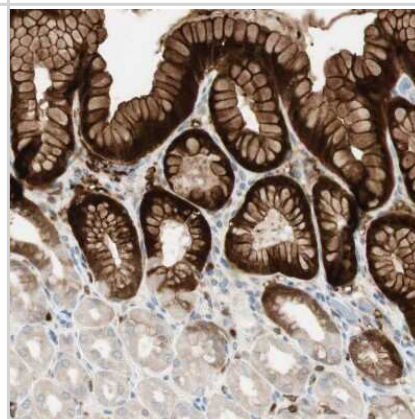
Western Blot: 15-PGDH/HPGD Antibody [NBP1-87062] - Analysis in human cell line RT-4 and human cell line U-251 MG.



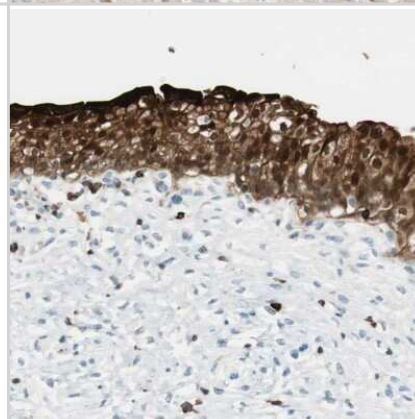
Western Blot: 15-PGDH/HPGD Antibody [NBP1-87062] - Analysis using Anti-HPGD antibody NBP1-87062 (A) shows similar pattern to independent antibody NBP1-87061 (B).



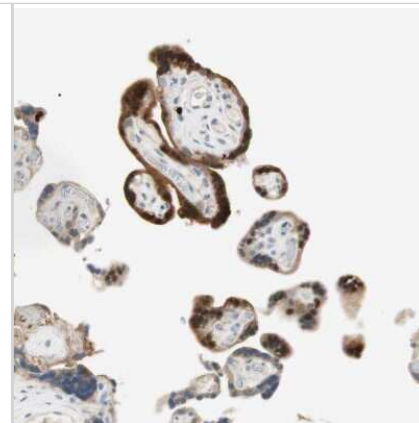
Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87062] - Staining of human stomach shows moderate to strong cytoplasmic and membranous positivity in glandular cells.



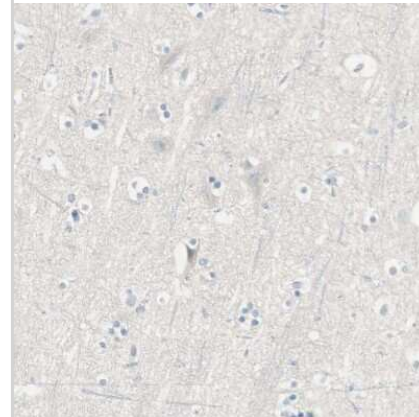
Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87062] - Staining of human urinary bladder shows high expression.



Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87062] - Staining of human placenta shows moderate to strong cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87062] - Staining of human cerebral cortex shows no positivity in neurons as expected.



## Publications

Massoner P, Kugler KG, Unterberger K et al. Characterization of Transcriptional Changes in ERG Rearrangement-Positive Prostate Cancer Identifies the Regulation of Metabolic Sensors Such as Neuropeptide Y. PLoS One 2013-01-01 [PMID: 23390522]

Wu CC, Hsu CW, Chen CD et al. Candidate Serological Biomarkers for Cancer Identified from the Secretomes of 23 Cancer Cell Lines and the Human Protein Atlas. Mol Cell Proteomics 2010-06-01 [PMID: 20124221]



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### **Products Related to NBP1-87062**

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NBP1-87062PEP	15-PGDH/HPGD 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

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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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