

# Product Datasheet

## 15-PGDH/HPGD Antibody - BSA Free NBP1-87061

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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Updated 12/2/2025 v.20.1

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**NBP1-87061**

15-PGDH/HPGD Antibody - BSA Free

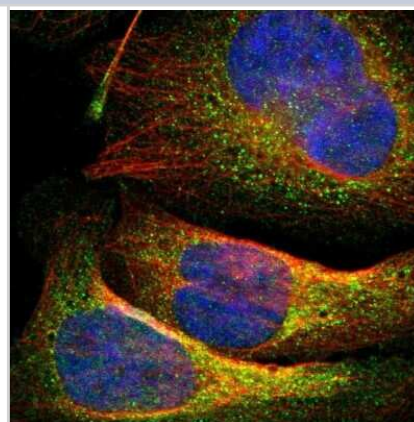
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit 15-PGDH/HPGD Antibody - BSA Free (NBP1-87061) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3248
<b>Gene Symbol</b>	HPGD
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (81%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LAANLMNSGVRLNAICPGFVNTAILESIEKEENMGQYIEYKDHKDMIKYYGI

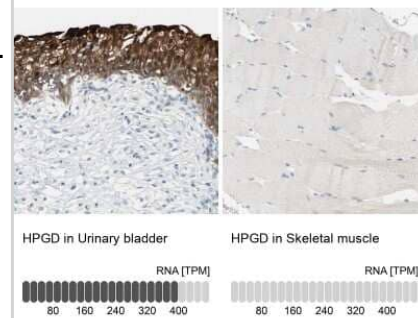
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

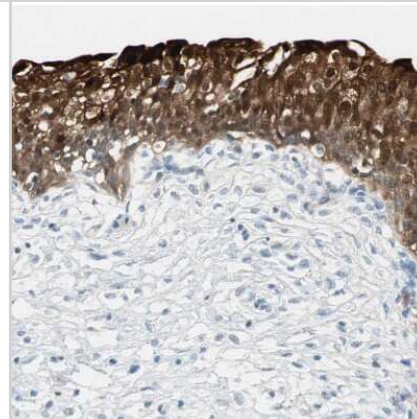
Immunocytochemistry/Immunofluorescence: 15-PGDH/HPGD Antibody [NBP1-87061] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



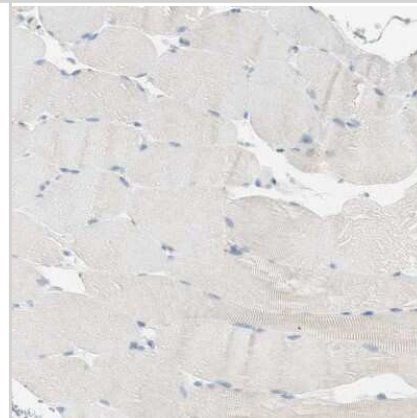
Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87061] - Analysis in human urinary bladder and skeletal muscle tissues. Corresponding HPGD RNA-seq data are presented for the same tissues.



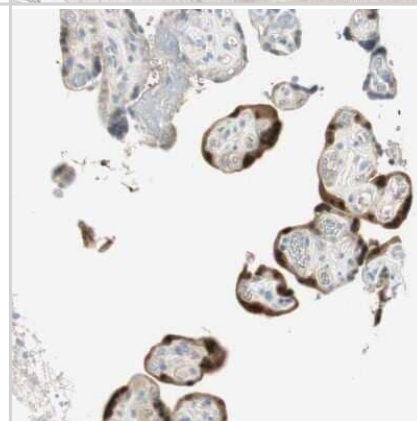
Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87061] - Staining of human urinary bladder shows strong cytoplasmic positivity in urothelial cells.



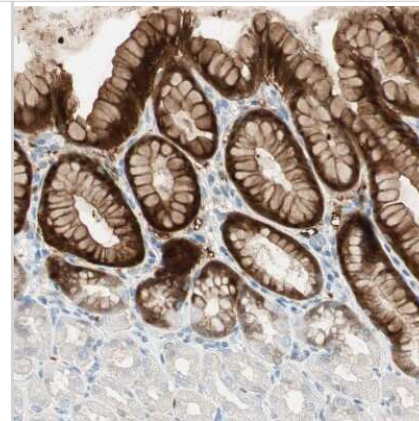
Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87061] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



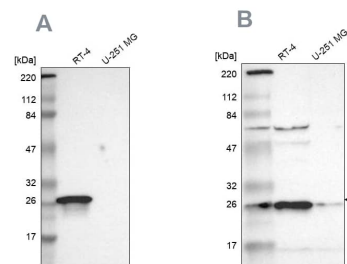
Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87061] - Staining of human placenta shows moderate cytoplasmic positivity in trophoblastic cells.



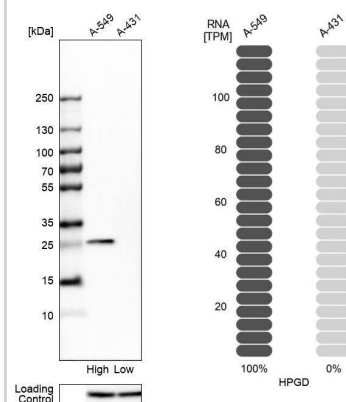
Immunohistochemistry-Paraffin: 15-PGDH/HPGD Antibody [NBP1-87061] - Staining of human stomach shows strong cytoplasmic positivity in glandular cells.



Analysis using Anti-HPGD antibody NBP1-87061 (A) shows similar pattern to independent antibody NBP1-87062 (B).



Analysis in human cell lines A-549 and A-431 using Anti-HPGD antibody. Corresponding HPGD RNA-seq data are presented for the same cell lines. Loading control: Anti-PPIB.





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### **Products Related to NBP1-87061**

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NBP1-87061PEP	15-PGDH/HPGD 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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