

# Product Datasheet

## HPD Antibody - BSA Free NBP1-89366

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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**NBP1-89366**

HPD Antibody - BSA Free

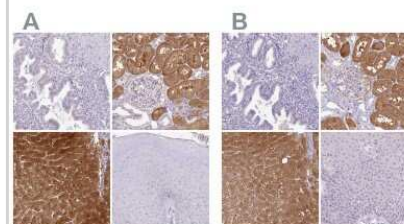
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit HPD Antibody - BSA Free (NBP1-89366) 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	3242
Gene Symbol	HPD
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: REPWVEQDKFGKVKFAVLQTYGDTTHTLVEKMNYIGQFLPGYEAPAFMDPLLP KLPKCSLEMIDHIVGNQP

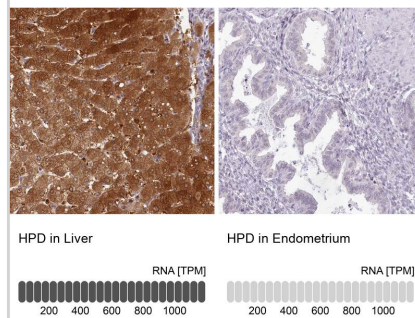
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

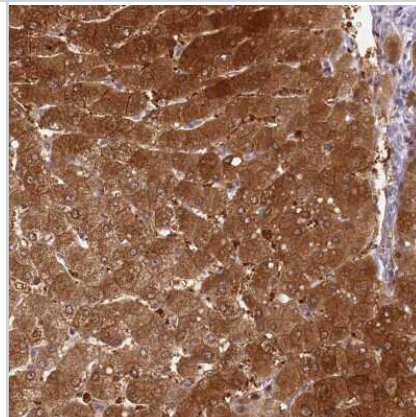
Immunohistochemistry-Paraffin: HPD Antibody [NBP1-89366] - Staining of human endometrium, kidney, liver and squamous epithelia using Anti-HPD antibody NBP1-89366 (A) shows similar protein distribution across tissues to independent antibody NBP2-32657 (B).



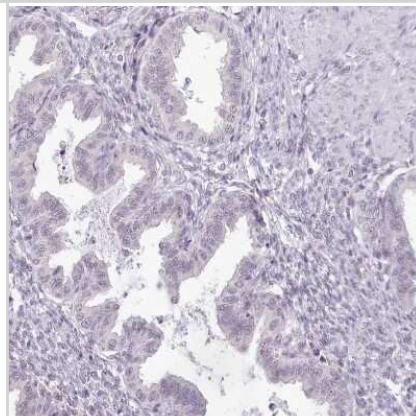
Analysis in human liver and endometrium tissues using NBP1-89366 antibody. Corresponding HPD RNA-seq data are presented for the same tissues.



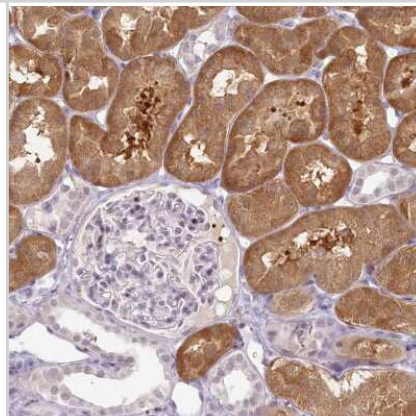
Immunohistochemistry-Paraffin: HPD Antibody [NBP1-89366] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



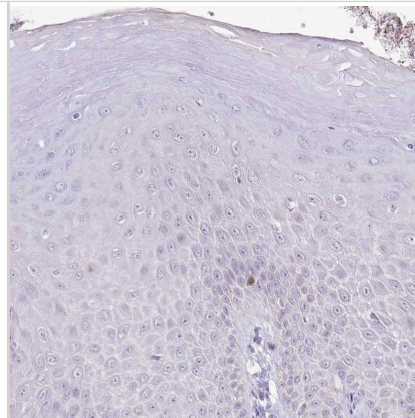
Immunohistochemistry-Paraffin: HPD Antibody [NBP1-89366] - Staining of human endometrium shows no positivity in glandular cells as expected.



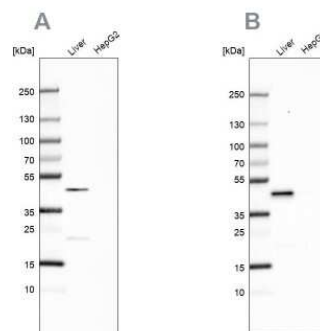
Immunohistochemistry-Paraffin: HPD Antibody [NBP1-89366] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



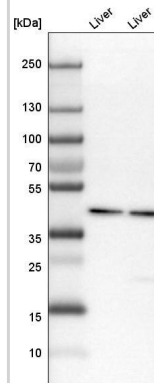
Staining of human squamous epithelia shows no positivity in squamous epithelial cells as expected.



Western Blot: HPD Antibody [NBP1-89366] - Analysis using Anti-HPD antibody NBP1-89366 (A) shows similar pattern to independent antibody NBP2-32657 (B).



Analysis in mouse liver tissue and rat liver tissue.





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### **Products Related to NBP1-89366**

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NBP1-89366PEP	HPD 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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