

# Product Datasheet

## UCH-L1/PGP9.5 Antibody - BSA Free NBP1-87334

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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**NBP1-87334**

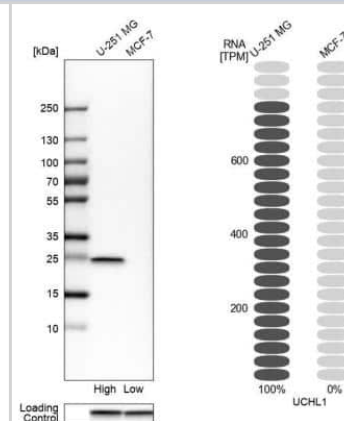
UCH-L1/PGP9.5 Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit UCH-L1/PGP9.5 Antibody - BSA Free (NBP1-87334) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-UCH-L1/PGP9.5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7345
Gene Symbol	UCHL1
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 20587347)
Marker	pan-Neuronal Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLGFEDGSVLKQFLSETEKMSP EDRAKCFEKNEAIQAAHDAVAQEGQCRVDDKVNHFILFNNVDGHLIELDGRM PPFVNHGASSEDLLKDAAKVCREFTEREQGEVRFSAVAL
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

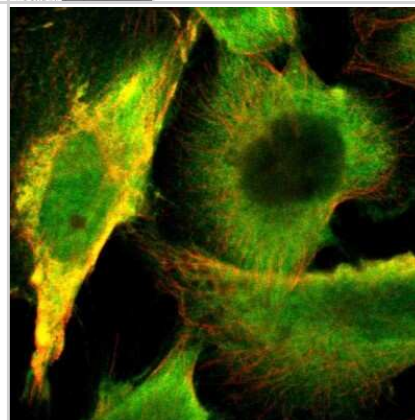


## Images

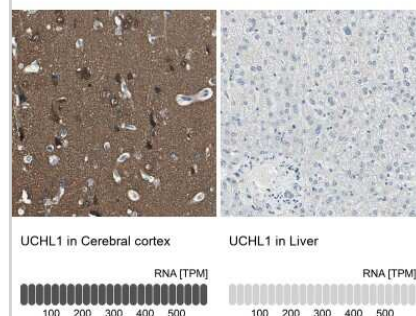
Western Blot: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Analysis in human cell lines U-251MG and MCF-7. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



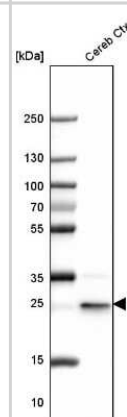
Immunocytochemistry/Immunofluorescence: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Staining of human cell line U-251 MG shows localization to nucleoplasm and cytosol.



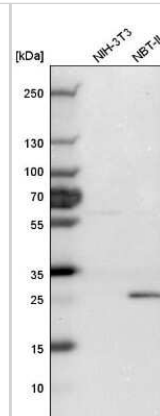
Immunohistochemistry-Paraffin: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Staining in human cerebral cortex and liver tissues . Corresponding UCHL1 RNA-seq data are presented for the same tissues.



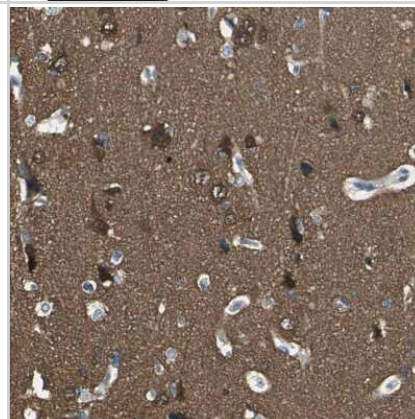
Western Blot: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Analysis in mouse cerebral cortex tissue.



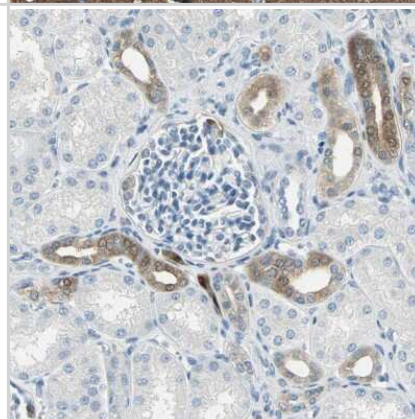
Western Blot: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



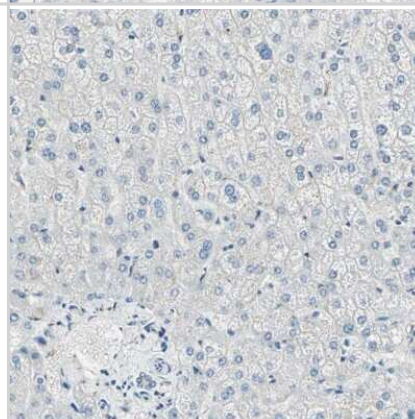
Immunohistochemistry-Paraffin: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons and in neuropil.



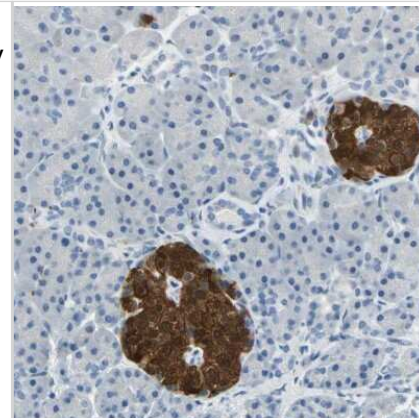
Immunohistochemistry-Paraffin: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



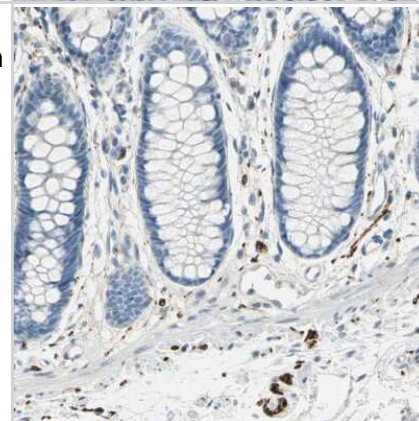
Immunohistochemistry-Paraffin: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Staining of human liver shows no positivity in hepatocytes, as expected.



Immunohistochemistry-Paraffin: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Staining of human pancreas shows strong cytoplasmic positivity in islets of Langerhans.



Immunohistochemistry-Paraffin: UCH-L1/PGP9.5 Antibody [NBP1-87334] - Staining of human rectum shows strong cytoplasmic positivity in peripheral ganglion and peripheral nerves.



## Publications

Chen Y, Cha Z, Fang W et al. The prognostic potential and oncogenic effects of PRR11 expression in hilar cholangiocarcinoma. *Oncotarget* 2015-08-21 [PMID: 25971332] (IF/IHC, Human)

Lindskog C, Asplund A, Engkvist M et al. Antibody-based proteomics for discovery and exploration of proteins expressed in pancreatic islets. *Discov Med* 2010-06-01 [PMID: 20587347]



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### **Products Related to NBP1-87334**

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NBP1-87334PEP	UCH-L1/PGP9.5 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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