

# Product Datasheet

## UCH-L1/PGP9.5 Antibody (31A3) - IHC-Prediluted NBP2-45339

Unit Size: 7 ml

Store at 4C.

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**NBP2-45339****UCH-L1/PGP9.5 Antibody (31A3) - IHC-Prediluted**

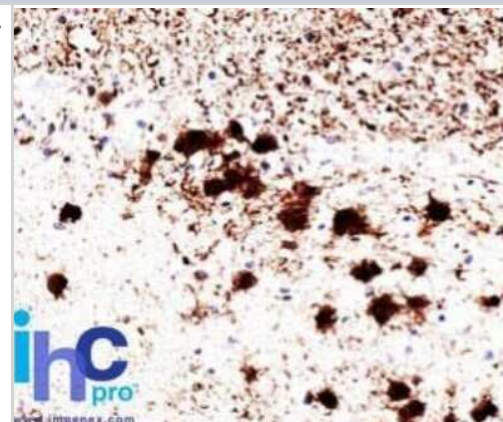
<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	31A3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA

<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	7345
<b>Gene Symbol</b>	UCHL1
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Canine, Zebrafish
<b>Reactivity Notes</b>	Zebrafish reactivity reported in scientific literature (PMID: 30377377).
<b>Marker</b>	pan-Neuronal Marker
<b>Immunogen</b>	UCH-L1/PGP9.5 protein from brain (Uniprot: P09936)

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

**Images**

Immunohistochemistry-Paraffin: UCH-L1/PGP9.5 Antibody (31A3) - IHC-Prediluted [NBP2-45339] - Formalin-fixed, paraffin-embedded human brain stained with UchL1 antibody (PGP9.5) (1:500), peroxidase-conjugate and DAB chromogen. Staining seen in cytoplasm, ER and membrane. Fixation in 95% ethanol/5% acetic acid for 2-3 hours prior to paraffin embedding is recommended. Specimens which have not been fixed in acetic acid/alcohol require pre-treatment with citrate buffer: for example, unmask of the target epitope by boiling the tissue sections in 10mM citrate buffer, pH 6.0, for 10 min followed by cooling at room temp for 20 min.





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### Products Related to NBP2-45339

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NB300-675PEP	UCH-L1/PGP9.5 Antibody Blocking Peptide

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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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