

# Product Datasheet

## Memory Loss Antibody Pack **NBP1-78951**

Unit Size: 2 Vials

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP1-78951**

## Memory Loss Antibody Pack

**Product Information**

<b>Unit Size</b>	2 Vials
<b>Concentration</b>	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Buffer</b>	See individual datasheets.

**Product Description**

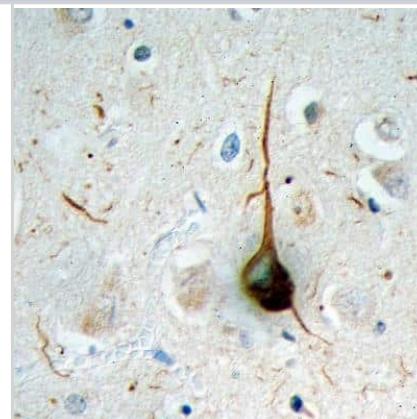
<b>Description</b>	This pack contains 1 vial each of: NB300-130 (25 uL), NB300-675 (25 uL).
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Human and mouse, however additional species may be possible for individual products.
<b>Specificity/Sensitivity</b>	This Memory Loss Antibodies Sample Pack includes antibodies to UCHL1 and Ubiquitin.
<b>Immunogen</b>	See individual datasheets.
<b>Kit Components</b>	NB300-130: Ubiquitin Antibody (Ubi-1), NB300-675: UCH-L1/PGP9.5 Antibody

**Product Application Details**

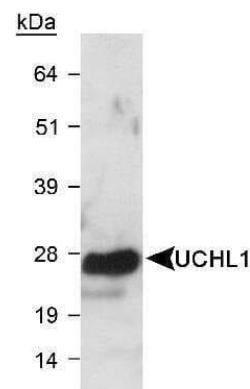
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Mainly Western blot and immunohistochemistry, however additional applications may be possible for individual products. See individual datasheets for validated applications.

**Images**

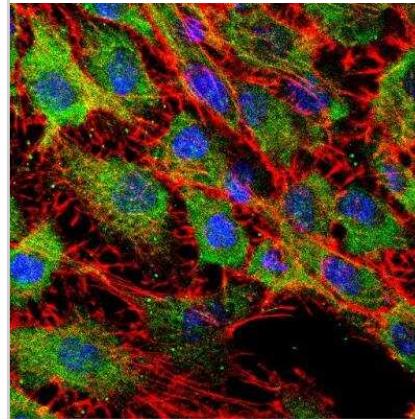
Immunohistochemistry-Paraffin: Memory Loss Antibody Pack [NBP1-78951] - FFPE section of cerebral cortex of an Alzheimer patient processed with Ubiquitin antibody (NB300-130) using HRP/DAB (Brown) and also stained with haematoxylin (Blue). A typical flame shaped tangle is seen in a pyramidal neuron in the center and is surrounded by some dystrophic neurites, also strongly ubiquitin positive. Both are commonly seen in cortical and hippocampal Alzheimer brain sections and are typical for this disease, but are rare or absent in healthy brain.



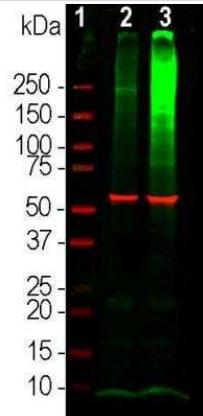
Western Blot: Memory Loss Antibody Pack [NBP1-78951] - Detection of UCHL1 using NB300-675 in mouse brain lysate.



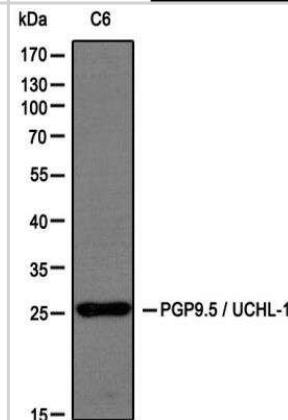
Immunocytochemistry/Immunofluorescence: Memory Loss Antibody Pack [NBP1-78951] - Confocal analysis of C6 cells using PGP9.5 / UCHL-1 antibody (NB300-675, 1:5). An Alexa Fluor 488-conjugated Goat to rabbit IgG was used as secondary antibody (green). Actin filaments were labeled with Alexa Fluor 568 phalloidin (red). DAPI was used to stain the cell nuclei (blue). Image from verified customer review.



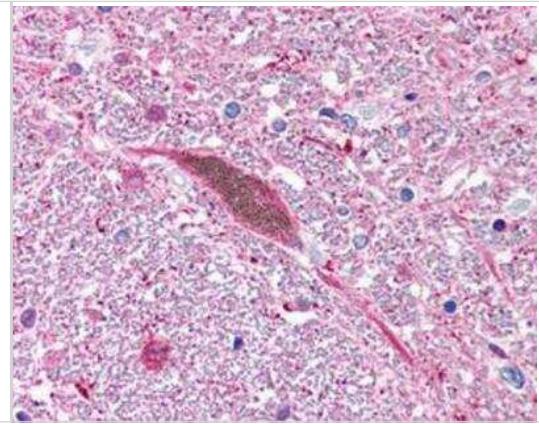
Western Blot: Memory Loss Antibody Pack [NBP1-78951] - Analysis of HEK293 cell lysates using mouse mAb Ubiquitin (NB300-130), dilution 1:1000 (Green). [1] protein standard (Red), [2] cells maintained in normal medium, [3] cells treated with 10uM of proteasome inhibitor lactacystin (Lc) for 16hrs. Lysed cells were electrophoresed on 4-20% SDS-PAGE and transferred to PVDF membranes. The smear detected above the 200kDa standard represent accumulation of ubiquitinated proteins in proteasome inhibitor-Lc treated cells. The prominent band at 8kDa corresponds to monoubiquitin. Rabbit pAb to HSP60, dilution 1:5000 (Red) was used as a loading control.



Western Blot: Memory Loss Antibody Pack [NBP1-78951] - Analysis of extracts from C6 cells using PGP9.5 / UCHL-1 antibody (NB300-675, 1:200). Image from verified customer review.



Immunohistochemistry: Memory Loss Antibody Pack 2vials [NBP1-78951] - Staining of neurons and their cell processes using UCHL1 antibody NB300-675 at 2.5ug/ml. Human brain, Substantia Nigra, Pigmented Neuron, 40X.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Packs are guaranteed for 1 year from date of receipt.

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