Product Datasheet

UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free
NBP2-33130

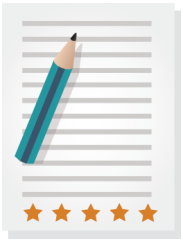
Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-33130

Updated 10/23/2024 v.20.1



NBP2-33130

UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free

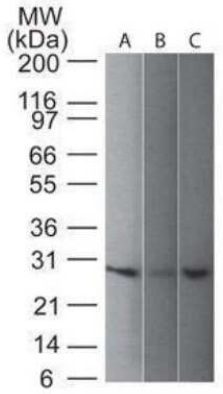
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	31A3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NB600-1160). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7345
Gene Symbol	UCHL1
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Zebrafish
Reactivity Notes	Zebrafish reactivity reported in scientific literature (PMID: 30377377).
Marker	pan-Neuronal Marker
Immunogen	UCH-L1/PGP9.5 protein from brain (Uniprot: P09936)

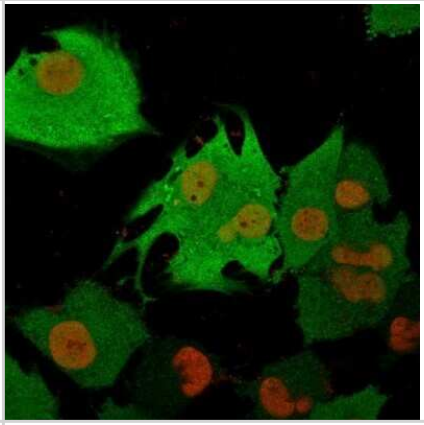
Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1ug/ml, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	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

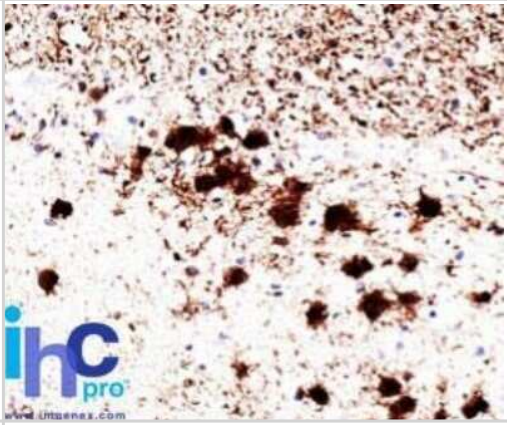
Western Blot: UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free [NBP2-33130] - analysis of UchL1 in 1) human, 2) mouse and 3) rat brain lysate using UchL1 antibody at 1 ug/ml. goat anti-mouse Ig HRP secondary antibody and ECL substrate solution were used for this test.



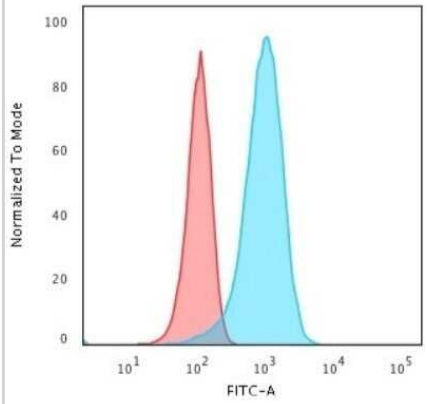
Immunocytochemistry/Immunofluorescence: UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free [NBP2-33130] - Immunofluorescence Analysis of T98G cells labeling Pgp9.5 with UCH-L1/PGP9.5 Antibody (31A3) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Nucspot (Red)

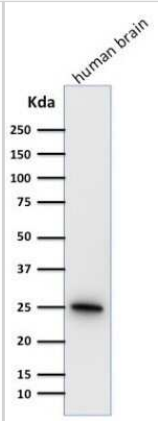
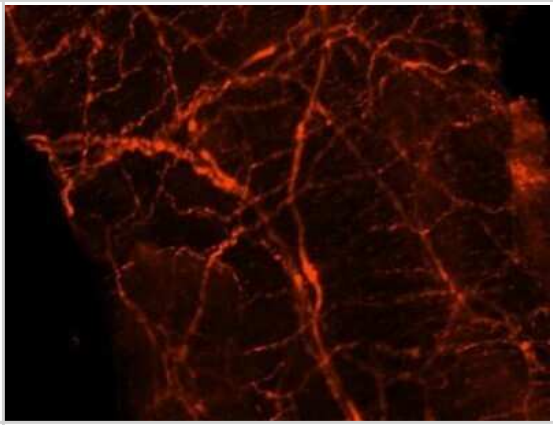
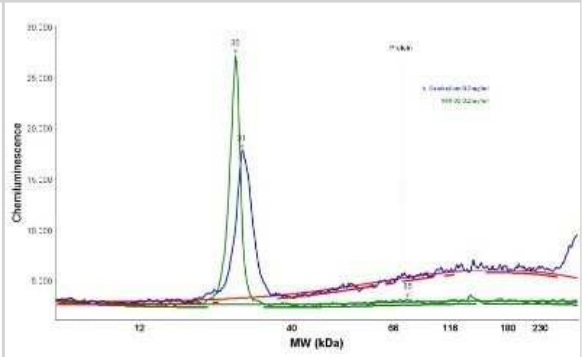


Immunohistochemistry-Paraffin: UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free [NBP2-33130] - Formalin-fixed, paraffin-embedded human brain stained with UchL1 antibody (PGP9.5) (1:500), peroxidase-conjugate and DAB chromogen. Staining seen in cytoplasm, ER and membrane. Fixation in 95% ethanol/5% acetic acid for 2-3 hours prior to paraffin embedd



Flow Cytometry: UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free [NBP2-33130] - Flow Cytometric Analysis of T98G cells using UCH-L1/PGP9.5 Antibody (31A3)followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Western Blot: UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free [NBP2-33130] - Western Blot Analysis of human brain tissue lysate using UCH-L1/PGP9.5 Antibody (31A3)	
Immunocytochemistry/Immunofluorescence: UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free [NBP2-33130] - analysis of PGP9.5 in rat mesenteric artery using anti-PGP9.5 antibody. Image from verified customer review.	
Simple Western: UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free [NBP2-33130] - Simple Western lane view shows a specific band for PGP9.5 / UCHL-1 in 0.2 mg/ml of h. Cerebellum (left) and IMR-32 (right) lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.	
Simple Western: UCH-L1/PGP9.5 Antibody (31A3) - Azide and BSA Free [NBP2-33130] - Electropherogram images of the corresponding Simple Western lane. PGP9.5 / UCHL-1 antibody was used at 10 ug/ml dilution of h. Cerebellum and IMR-32 lysates(s) respectively.	

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-33130

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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-33130

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications