

Mouse anti-Human UCHL1 Monoclonal Antibody | anti-UCHL1 antibody

UCHL1 Antibody

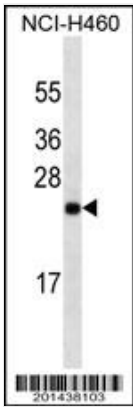
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283430	Mouse	Human	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

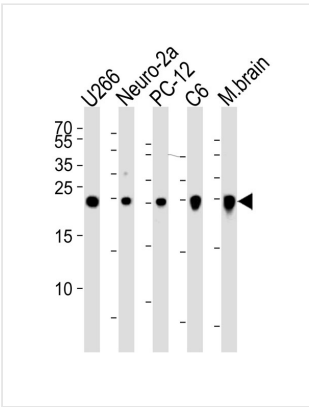
UCHL1; Monoclonal Antibody; UCHL1 Antibody; Ubiquitin carboxyl-terminal hydrolase isozyme L1; UCH-L1; 6---; Neuron cytoplasmic protein 95; PGP 95; PGP95; Ubiquitin thioesterase L1; anti-UCHL1 antibody

PRODUCT SPECIFICATIONS

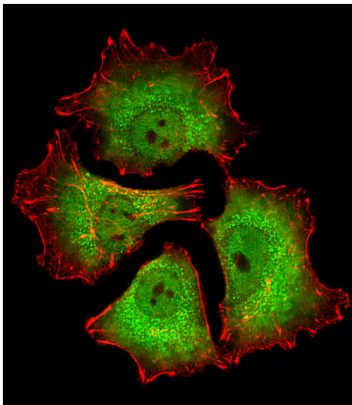
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	346CT2.2.1
Specificity	This UCHL1 monoclonal antibody is generated from mouse immunized with UCHL1 recombinant protein.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	223
Applicable Applications for anti-UCHL1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Recombinant Protein
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



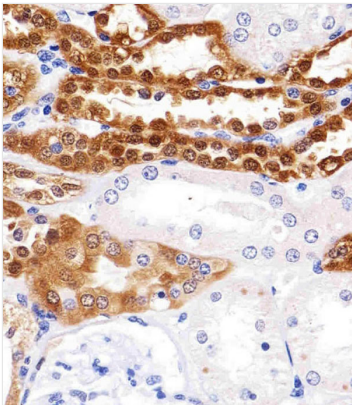
WB (Western Blot)
UCHL1 Antibody western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the UCHL1 antibody detected the UCHL1 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from U266, mouse Neuro-2a, rat PC-12, C6 cell line and mouse brain tissue lysate (from left to right), using UCHL1 Antibody. AAA283430 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IF (Immunofluorescence)
Fluorescent image of A549 cells stained with UCHL1 Antibody. AAA283430 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. kidney section using UCHL1. AAA283430 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-UCHL1 antibody	The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.
Product Categories/Family for anti-UCHL1 antibody	Crown Antibodies; Cell Biology; Neuroscience
References	Martins-de-Souza, D., et al. J Psychiatr Res 44(14):989-991(2010) Hussain, S., et al. Leukemia 24(9):1641-1655(2010) Ma, Y., et al. J. Cell. Biochem. 110(6):1512-1519(2010) Wu, Y.R., et al. Clin. Chim. Acta 411 (13-14), 955-958 (2010) : Li, L., et al. Clin. Cancer Res. 16(11):2949-2958(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361091
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NCBI GeneID	7345
NCBI Accession #	NP_004172.2
NCBI GenBank Nucleotide #	NM_004181.4
UniProt Accession #	P09936 ; Q4W5K6 ; Q71UM0
Molecular Weight	24824
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase isozyme L1
NCBI Official Synonym Full Names	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
NCBI Official Symbol	UCHL1
NCBI Official Synonym Symbols	NDGOA; PARK5; PGP95; PGP9.5; Uch-L1; HEL-117; PGP 9.5
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase isozyme L1
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase isozyme L1
UniProt Gene Name	UCHL1
UniProt Synonym Gene Names	UCH-L1; PGP9.5
UniProt Entry Name	UCHL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/uchl1-antibody-clone-346ct2-2-1-western-blot-immunofluorescence-immunohistochemistry-elisa/283430>