

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

UCHL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111313	Mouse	Human	Immunocytochemistry, Western Blot

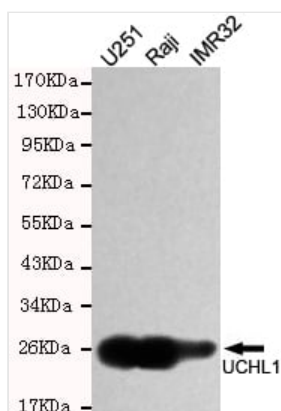
PRODUCT SYNONYMS

UCHL1; Monoclonal Antibody; UCHL1 Antibody; Neuron cytoplasmic protein 9.5; PGP 9.5; Ubiquitin thioesterase L1; anti-UCHL1 antibody

PRODUCT SPECIFICATIONS

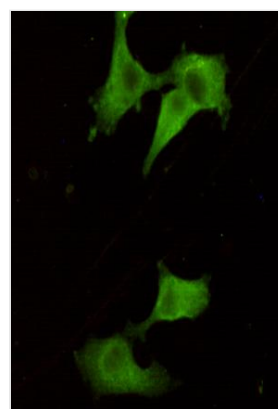
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Specificity	This antibody detects endogenous levels of UCHL1 and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.2% sodium azide, 50% glycerol, 0.1%BSA.
Sequence Length	223
Applicable Applications for anti-UCHL1 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human UCHL1. protein fragments expressed in E Coli.
Cellular Localization	Cytoplasm

IMAGES



Application Data

Western blot detection of UCHL1 in U251,Raji&IMR32 cell lysates and using UCHL1 antibody (1:1000 diluted). Predicted band size: 25KDa Observed band size:25KDa.



Application Data

Immunocytochemistry stain of COS7 using UCHL1 antibody (1:300).

ADDITIONAL INFORMATION

Related Product Information for anti-UCHL1 antibody	UniPort Summary Function: Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity Entrez Summary: 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	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361091
NCBI GeneID	7345
NCBI Accession #	NP_004172.2
NCBI GenBank Nucleotide #	NM_004181
UniProt Accession #	P09936; Q4W5K6; Q71UM0
Molecular Weight	25kDa
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase isozyme L1
NCBI Official Synonym Full Names	ubiquitin C-terminal hydrolase L1
NCBI Official Symbol	UCHL1
NCBI Official Synonym Symbols	NDGOA; PARK5; PGP95; SPG79; PGP9.5; Uch-L1; HEL-117; PGP 9.5; HEL-S-53
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

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/uchl1-antibody-immunocytochemistry-western-blot-elisa/111313>