

Rabbit UCHL1 / PGP9.5 Polyclonal Antibody | anti-UCHL1 antibody

Rabbit Polyclonal (IgG) to Human UCHL1 / PGP9.5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51342	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

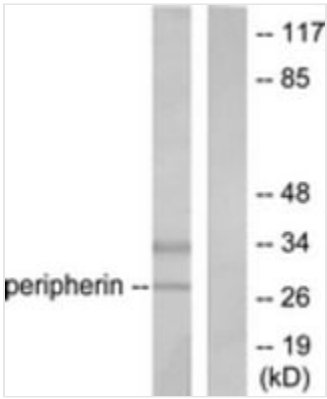
PRODUCT SYNONYMS

UCHL1 / PGP9.5; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human UCHL1 / PGP9.5; Anti-UCHL1 / PGP9.5 Antibody (aa171-220) IHC-plus; UCHL1; Ubiquitin C-terminal hydrolase; PARK5; PGP9.5; PGP95; Ubiquitin thioesterase L1; Neuron cytoplasmic protein 9.5; PGP 9.5; Uch-L1; Human UCHL1; anti-UCHL1 antibody

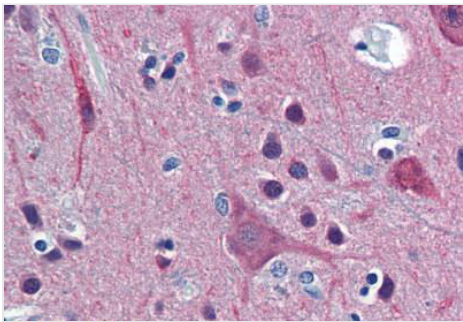
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PGP9.5 Antibody detects endogenous levels of total PGP9.5 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	223
Applicable Applications for anti-UCHL1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human PGP9.5 (aa171-220).
Immunogen	UCHL1 / PGP9.5 antibody was raised against synthetic peptide from human PGP9.5 (aa171-220).
Antigen Modification	aa171-220
Preparation and Storage	Store at -20 degree C.

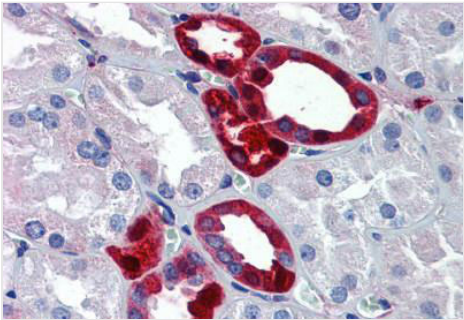
IMAGES



WB (Western Blot)
Western blot of extracts from 293 cells, using PGP9.5 Antibody. The lane on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)
Anti-UCHL1 / PGP9.5 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)
Anti-UCHL1 / PGP9.5 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-UCHL1 antibody	UCHL1 is a member of family of proteins that hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. The expression of UCHL1 is highly specific to neurons and to cell of the diffuse neuroendocrine system and their tumors. UCHL1 exhibits both and hydrolase and a ligase activity. The S18Y variant of UCHL1, that has reduced ligase activity, has been linked to susceptibility for Parkinson's disease.
Product Categories/Family for anti-UCHL1 antibody	Family: Protease ; Subfamily: Cysteine C12

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361091
NCBI GeneID	7345
NCBI Accession #	NP_004172.2
NCBI GenBank Nucleotide #	NM_004181.4
UniProt Accession #	P09936 ; Q4W5K6 ; Q71UM0
Molecular Weight	24,824 Da
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; ubiquitin thioesterase L1; epididymis luminal protein 117; neuron cytoplasmic protein 9.5; ubiquitin C-terminal hydrolase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uchl1-pgp95-antibody-western-blot-immunohistochemistry-elisa/51342>