



# Anti-UCHL1 (aa 46-63) polyclonal antibody (DPABH-01623)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	DPABH-01623 recognises human protein gene product 9.5 (PGP9.5).
<b>Immunogen</b>	Synthetic peptide: NFRKKQIEELKGQEVSPK, corresponding to amino acids 46 - 63 of Human PGP9.5.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Rat, Human
<b>Purification</b>	Whole antiserum
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	Constituents: Whole Serum
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze

/ thaw cycles.

## GENE INFORMATION

Gene Name	<a href="#">UCHL1 ubiquitin carboxyl-terminal esterase L2 (ubiquitin thiolesterase) [ Homo sapiens ]</a>
Official Symbol	UCHL1
Synonyms	UCHL1; ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase); NDGOA; PARK5; PGP95; PGP9.5; Uch-L1; HEL-117; PGP 9.5; ubiquitin carboxyl-terminal hydrolase isozyme L1; ubiquitin thioesterase L1; epididymis luminal protein 117; neuron cytoplasmic protein 9.5; ubiquitin C-terminal hydrolase;
Entrez Gene ID	<a href="#">7345</a>
Protein Refseq	<a href="#">NP_004172.2</a>
UniProt ID	<a href="#">P09936</a>
Pathway	Alpha-synuclein signaling; Parkinsons Disease Pathway;
Function	alpha-2A adrenergic receptor binding; cysteine-type endopeptidase activity; ligase activity; omega peptidase activity