

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

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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email:info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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GENE INFORMATION

Gene Name	UCHL1 ubiquitin carboxyl-terminal esterase L2 (ubiquitin thiolesterase) [Homo sapiens]
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	7345
Protein Refseq	NP_004172.2
UniProt ID	P09936
Pathway	Alpha-synuclein signaling; Parkinsons Disease Pathway;
Function	alpha-2A adrenergic receptor binding; cysteine-type endopeptidase activity; ligase activity; omega peptidase activity

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