



Anti-UCHL1 (aa 211-221) polyclonal antibody (DPABH-21011)

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

PRODUCT INFORMATION

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| 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. |
| Immunogen | Synthetic peptide: EVRFSAVALCK, corresponding to C terminal amino acids 211-221 of Human PGP9.5 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Mouse, Rat, Human |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Size | 200 µl |
| Buffer | Constituents: 0.5% BSA, Tris buffered saline, pH 7.3 |
| Preservative | 0.02% Sodium Azide |
| Storage | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |

GENE INFORMATION

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| 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 |