



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

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: EVRFSAVAVALCK, 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

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