



Rabbit Anti-Human UCHL1 Polyclonal Antibody (CABT-L2205)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Ubiquitin Carboxyl Terminal Hydrolase L1 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against UCHL1. It has been selected for its ability to recognize UCHL1 in immunohistochemical staining and western blotting.
Target	UCHL1
Immunogen	Recombinant fragment corresponding to human UCHL1 (Gln2~Ala223)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.[provided by RefSeq, Sep 2009]

Keywords PARK5;PGP9.5;Uch-L1;Neuron cytoplasmic protein 9.5;Ubiquitin thioesterase L1;Ubiquitin carboxyl-terminal hydrolase isozyme L1

GENE INFORMATION

Gene Name	UCHL1 ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [Homo sapiens (human)]
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
UniProt ID	P09936
Chromosome Location	4p14
Pathway	Alpha-synuclein signaling; Parkinsons disease; Parkinsons Disease Pathway; Proteasome Degradation;
Function	alpha-2A adrenergic receptor binding; cysteine-type endopeptidase activity; ligase activity; omega peptidase activity; protein binding; ubiquitin binding; ubiquitin-specific protease activity;