

## UCH-L1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15341
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PGP9.5. AA range:171-220
<b>Mol wt</b>	24824
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Ubiquitin carboxyl-terminal hydrolase isozyme L1
<b>Synonyms</b>	Ubiquitin carboxyl-terminal hydrolase isozyme L1; UCHL1; Ubiquitin carboxyl-terminal hydrolase isozyme L1; UCH-L1; Neuron cytoplasmic protein 9.5; PGP 9.5; PGP9.5; Ubiquitin thioesterase L1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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.

### Recommended Dilution

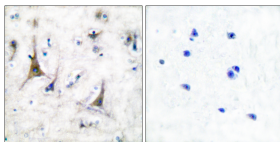
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

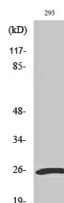
ELISA: 1: 10000

Not yet tested in other applications.

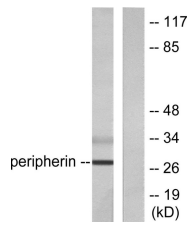
### Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PGP9.5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using UCH-L1 Polyclonal Antibody diluted at 1:2000. Secondary antibody was diluted at 1:20000



Western blot analysis of lysates from 293 cells, using PGP9.5 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for 1 year

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