

Datasheet for ABIN3029423  
**anti-UCHL1 antibody (AA 16-46)**

## 9 Images

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## Overview

Quantity:	0.4 mL
Target:	UCHL1
Binding Specificity:	AA 16-46
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCHL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Immunogen:	A portion of amino acids 16-46 from the human protein was used as the immunogen for this PGP9.5 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Pig
Purification:	Purified

## Target Details

Target:	UCHL1
Alternative Name:	PGP9.5 ( <a href="#">UCHL1 Products</a> )

## Target Details

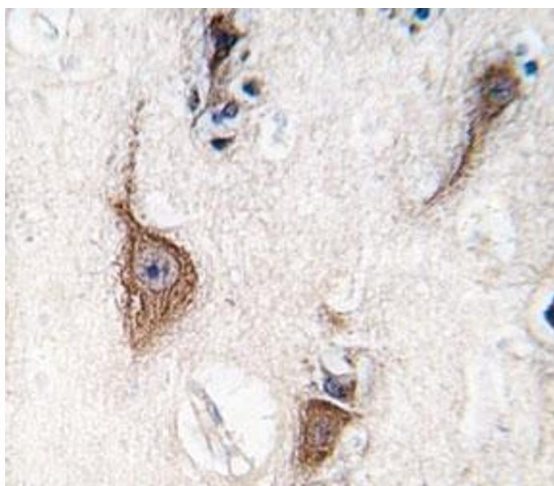
Background:	PGP9.5 is a Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity. [UniProt]
UniProt:	<a href="#">P09936</a>
Pathways:	<a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Titration of the PGP9.5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

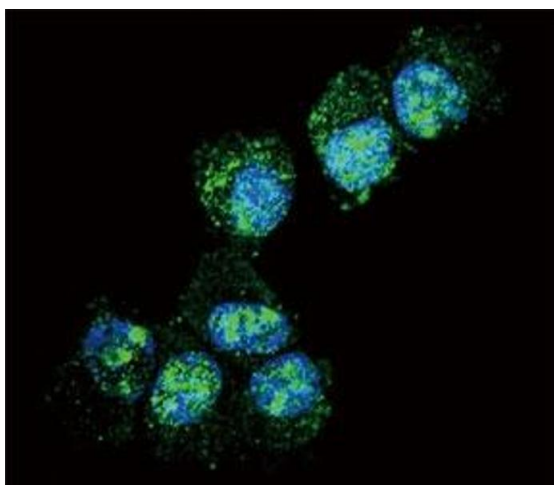
## Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the PGP9.5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



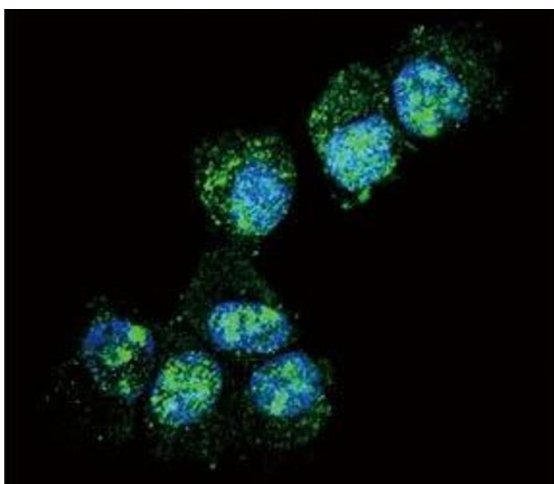
#### Immunohistochemistry

**Image 1.** IHC analysis of FFPE human brain tissue stained with PGP9.5 antibody.



#### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of PGP9.5 antibody with NCI-H460 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



#### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of PGP9.5 antibody with NCI-H460 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN3029423.