

Datasheet for ABIN3029421  
**anti-UCHL1 antibody (AA 187-214)**

## 8 Images

[Go to Product page](#)

## Overview

Quantity:	0.4 mL
Target:	UCHL1
Binding Specificity:	AA 187-214
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCHL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	A portion of amino acids 187-214 from the human protein was used as the immunogen for this PGP 9.5 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Bovine, Pig, Primate
Purification:	Antigen affinity purified

## Target Details

Target:	UCHL1
Alternative Name:	PGP 9.5 ( <a href="#">UCHL1 Products</a> )
Background:	UCHL1 is a member of a gene family whose products hydrolyze small C-terminal adducts of

## Target Details

ubiquitin to generate the ubiquitin monomer. Expression of UCHL1 is highly specific to neurons and to cells of the diffuse neuroendocrine system and their tumors. It is present in all neurons.

UniProt: [P09936](#)

Pathways: [Feeding Behaviour](#)

## Application Details

Application Notes: Titration of the PGP 9.5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:10-1:50,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

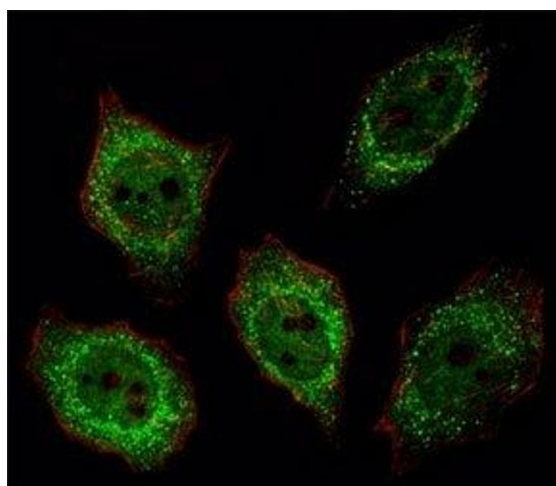
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

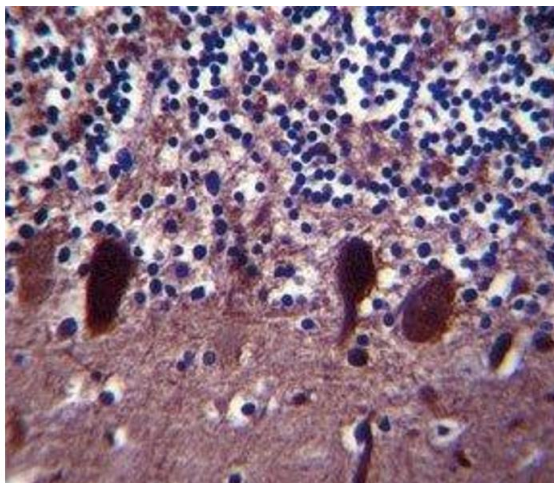
Storage Comment: Aliquot the PGP 9.5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



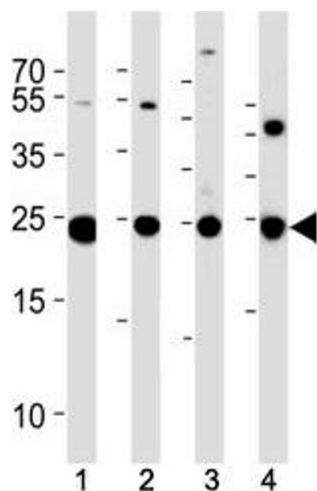
### Immunofluorescence

**Image 1.** Fluorescent image of U251 cell stained with PGP 9.5 antibody at 1:25. Immunoreactivity is localized to the cytoplasm and nucleus.



#### Immunohistochemistry

**Image 2.** PGP 9.5 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue.



#### Western Blotting

**Image 3.** PGP 9.5 antibody western blot analysis in (1) U266, (2) NCI-H1299, (3) mouse Neuro-2a cell line and (4) mouse brain tissue lysate. Predicted molecular weight ~25 kDa.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3029421.