

Datasheet for ABIN306421

## anti-UCHL1 antibody (AA 1-223)

### 3 Images



[Go to Product page](#)

### Overview

Quantity:	100 µL
Target:	UCHL1
Binding Specificity:	AA 1-223
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UCHL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Recombinant human PGP9.5 (1-223aa) purified from E. coli
Clone:	3D9
Isotype:	IgG2a kappa
Purification:	The antibody was purified from mouse ascitic fluids by protein-G affinity chromatography

### Target Details

Target:	UCHL1
Alternative Name:	PGP9.5/UCHL1 ( <a href="#">UCHL1 Products</a> )
Background:	PGP9. 5/UCH-L1 is a member of a gene family whose products hydrolyze small C-terminal

## Target Details

adducts of ubiquitin to generate the ubiquitin monomer. PGP9. 5 is a component of the ubiquitin system, which has a fundamental role in regulating various biological activities. PGP9. 5 gene encodes two opposing enzymatic activities that affect alpha-synuclein degradation and Parkinson's disease susceptibility.

NCBI Accession: [NP\\_004172](#)

Pathways: [Feeding Behaviour](#)

## Application Details

Application Notes: Recommended dilution 1:1000(W.B), Recommended dilution 1:100(IHC)

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

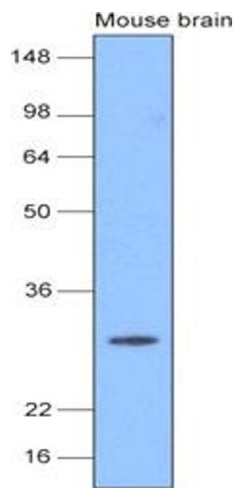
Buffer: In Phosphate-Buffered Saline (pH7.4) with 0.1% Sodium Azide

Preservative: Sodium azide

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

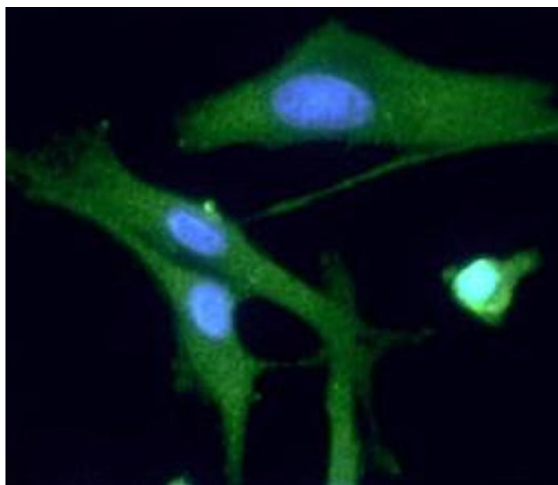
Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



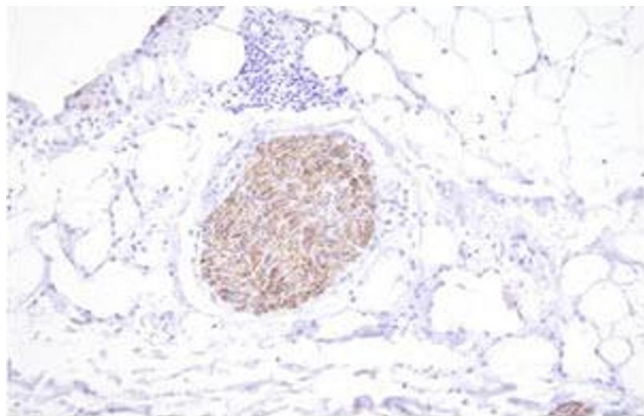
### Western Blotting

**Image 1.**



### Immunofluorescence

**Image 2.** ICC/IF analysis of PGP9.5 in U87MG cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human PGP9.5 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



### Immunohistochemistry

**Image 3.** Paraffin embedded sections of human nerve tissue were incubated with anti-human PGP9.5 (1:100) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB).

**Human nerve tissue**