

Datasheet for ABIN6940854

**anti-UCHL1 antibody****4** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	UCHL1
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UCHL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant human UCHL1 protein
Clone:	UCHL1-775
Isotype:	IgG1 kappa
Specificity:	<p>This MAb reacts with a protein of 20-30 kDa, identified as PGP9.5, also known as ubiquitin carboxyl-terminal hydrolase-1 (UchL1). Initially, PGP9.5 expression in normal tissues was reported in neurons and neuroendocrine cells but later it was found in distal renal tubular epithelium, spermatogonia, Leydig cells, oocytes, melanocytes, prostatic secretory epithelium, ejaculatory duct cells, epididymis, mammary epithelial cells, Merkel cells, and dermal fibroblasts. Furthermore, immunostaining for PGP9.5 has been shown in a wide variety of mesenchymal neoplasms as well. A mutation in PGP9.5 gene is believed to cause a form of Parkinson's disease.</p>
Cross-Reactivity (Details):	Shows a broad species reactivity.

## Product Details

Purification: Purified by Protein A/G

## Target Details

Target: UCHL1

Alternative Name: UCHL1 ([UCHL1 Products](#))

Molecular Weight: 20-30kDa

Gene ID: 7345

UniProt: [P09936](#)

Pathways: [Feeding Behaviour](#)

## Application Details

Application Notes: Positive Control: Cerebellum.  
Known Application: Western Blot (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

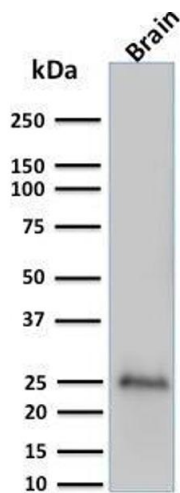
Preservative: Sodium azide

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

Storage: 4 °C, -80 °C

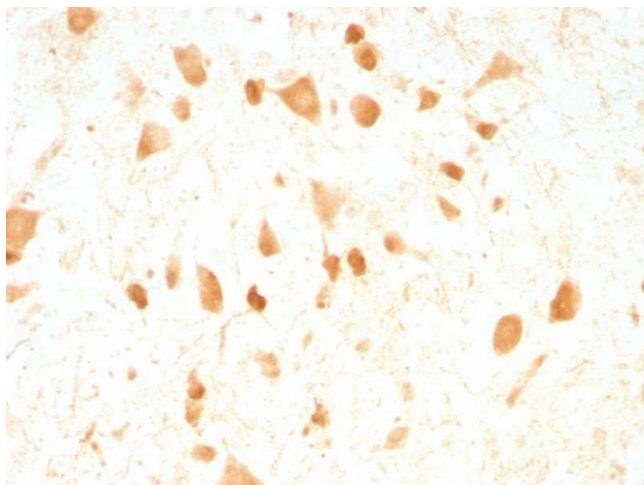
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



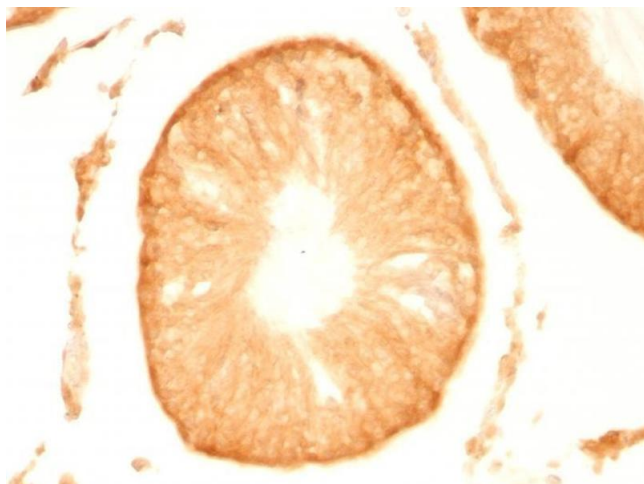
#### Western Blotting

**Image 1.** Western Blot Analysis of human brain tissue lysate using Pgp9.5 Monoclonal Antibody (UCLH1/775).



#### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded Rat Cerebellum stained with Pgp9.5 Monoclonal Antibody (UCLH1/775).



#### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded Rat Testis stained with Pgp9.5 Monoclonal Antibody (UCLH1/775).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6940854.