

Datasheet for ABIN6940852  
**anti-UCHL1 antibody**



[Go to Product page](#)

3 Images

## Overview

Quantity:	100 µg
Target:	UCHL1
Reactivity:	Human, Rat, Mouse, Cow, Pig, Dog, Guinea Pig, Rabbit, Zebrafish (Danio rerio), Sheep
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UCHL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Native UchL1 (PGP9.5) protein from brain
Clone:	13C4
Isotype:	IgG2a kappa
Specificity:	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.
Purification:	Purified by Protein A/G

## Target Details

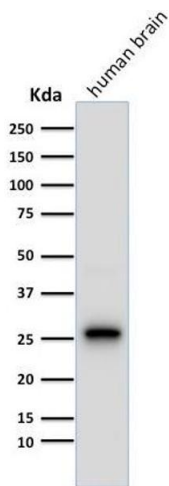
Target:	UCHL1
Alternative Name:	UCHL1 ( <a href="#">UCHL1 Products</a> )
Molecular Weight:	20-30kDa
Gene ID:	7345
UniProt:	<a href="#">P09936</a>
Pathways:	<a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Positive Control: Cerebellum. Known Application: Western Blot (1-2 µg/mL), Immunofluorescence (1-2 µg/mL),Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

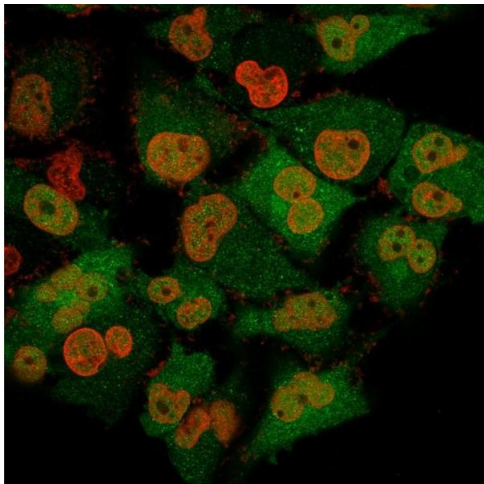
## Handling

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



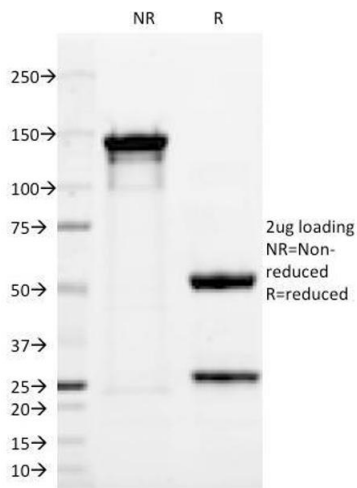
### Western Blotting

**Image 1.** Western Blot Analysis of human brain tissue lysate using PGP9.5 / UchL1 Mouse Monoclonal Antibody (13C4).



### Immunofluorescence

**Image 2.** Immunofluorescence Analysis of T98G cells labeling Pgp9.5 with Pgp9.5 / UchL1 Mouse Monoclonal Antibody (13C4) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Nucspot (Red)



### SDS-PAGE

**Image 3.** SDS-PAGE Analysis Purified PGP9.5 / UchL1 Mouse Monoclonal Antibody (13C4). Confirmation of Integrity and Purity of Antibody.