

Product Name: KD-Validated UCHL1 Mouse Monoclonal Antibody**Catalog #: KVA01932**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 24.8kDa

Antigen Information

Gene Name	UCHL1 UCHL1; Ubiquitin C-Terminal Hydrolase L1; PGP9.5; Uch-L1; UCHL-1; Ubiquitin Carboxyl-Terminal Esterase L1 (Ubiquitin Thiolesterase); Ubiquitin Carboxyl-Terminal Hydrolase
Alternative Names	Isozyme L1; Neuron Cytoplasmic Protein 9.5; Ubiquitin Thioesterase L1; Ubiquitin Thiolesterase; PGP 9.5; PARK5; Epididymis Secretory Protein Li 53; Epididymis Luminal Protein 117; EC 3.4.19.12; HEL-S-53; HEL-117; SPG79A; UCH-L1; NDGOA; PGP95; SPG79
Gene ID	7345.0
SwissProt ID	P09936
Immunogen	Recombinant protein of human UCHL1

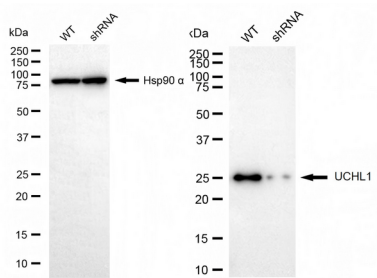
Background

The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.[provided by RefSeq, Sep 2009]

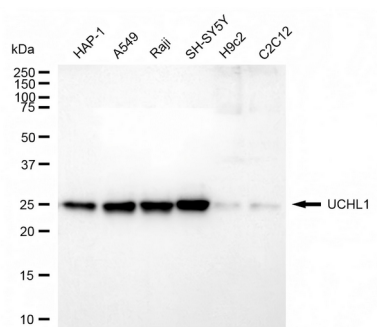
Research Area

Cell Biology, Neuroscience

Image Data



Western blotting analysis using UCHL1 antibody (KVA01932). UCHL1 expression in wild-type (WT) and UCHL1 shRNA knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with UCHL1 antibody (KVA01932, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using UCHL1 antibody (KVA01932). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with UCHL1 antibody (KVA01932, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.