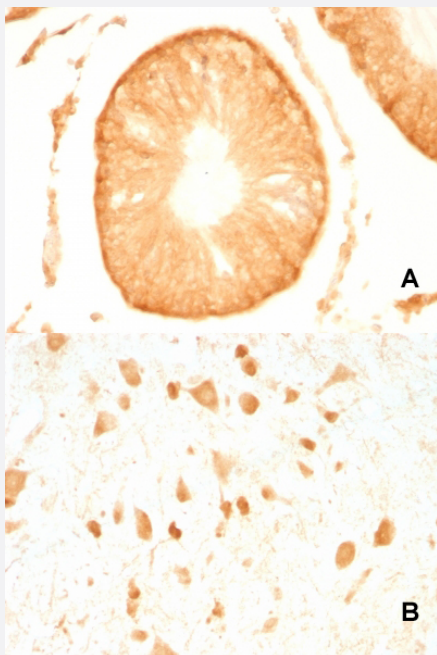


UCHL1 monoclonal antibody, clone UCHL1/775

Catalog # MAB14460 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of (A) rat testis and (B) rat cerebellum with UCHL1 monoclonal antibody, clone UCHL1/775 (Cat # MAB14460).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human UCHL1.
Immunogen	Recombinant protein corresponding to full length human UCHL1.
Host	Mouse
Theoretical MW (kDa)	20-30
Reactivity	Human, Rat
Form	Liquid
Purification	Protein A/G purification

Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of (A) rat testis and (B) rat cerebellum with UCHL1 monoclonal antibody, clone UCHL1/775 (Cat # MAB14460).

Gene Info — UCHL1

Entrez GeneID	7345
Protein Accession#	P09936
Gene Name	UCHL1
Gene Alias	PARK5, PGP9.5, Uch-L1
Gene Description	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
Omim ID	168600 191342
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	ubiquitin C-terminal esterase L1 ubiquitin carboxyl-terminal esterase L1 ubiquitin thiolesterase L1

Publication Reference

- [The neuron-specific protein PGP 9.5 is a ubiquitin carboxyl-terminal hydrolase.](#)

K D Wilkinson, K M Lee, S Deshpande, P Duerksen-Hughes, J M Boss, J Pohl.

Science 1989 Nov; 46(4930):670.

Application: AFC, WB-Re, WB-Ti, Bovine, Bovine thymus, Recombinant proteins

Disease

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Movement Disorders](#)
- [Multiple System Atrophy](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)