

UCHL1 Antibody (C-term)

Mouse Monoclonal Antibody (Mab)

Catalog # AW5233

Product Information

Application	WB
Primary Accession	P09936
Other Accession	Q00981 , Q6SEG5 , Q9R0P9 , Q60HC8 , P23356
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	24 KDa
Isotype	IgG1
Antigen Source	HUMAN

Additional Information

Antigen Region	185-214
Other Names	UCHL1; Ubiquitin carboxyl-terminal hydrolase isozyme L1; Ubiquitin carboxyl-terminal hydrolase isozyme L1; Neuron cytoplasmic protein 9.5; Ubiquitin carboxyl-terminal hydrolase isozyme L1; PGP 9.5; Ubiquitin carboxyl-terminal hydrolase isozyme L1; Ubiquitin thioesterase L1
Dilution	WB~1:1000
Target/Specificity	This UCHL1 Monoclonal antibody is generated from mice immunized with a KLH conjugated synthetic peptide selected from the 185-214 region of human UCHL1.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	UCHL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

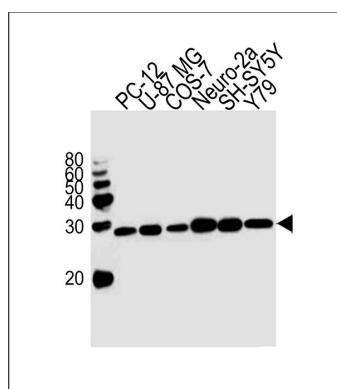
Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated

proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity.

References

- Boudreaux D.A., et al. Proc. Natl. Acad. Sci. U.S.A. 107:9117-9122(2010).
Hillier L.W., et al. Nature 434:724-731(2005).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Day I.N.M., et al. Biochem. J. 268:521-524(1990).
Choi J., et al. J. Biol. Chem. 279:13256-13264(2004).

Images



Western blot analysis of lysates from rat PC-12,U-87 MG,COS-7,mouse Neuro-2a,SH-SY5Y,Y79 cell line (from left to right), using UCHL1 Antibody (C-term)(Cat. #AW5233). AW5233 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.