
MATERIAL DATA SHEET

UCH-L1 Polyclonal Ab**Cat. # A-340**

Ubiquitin C-terminal hydrolases are a family of cysteine hydrolases that catalyze the hydrolysis of amides, esters and thioesters from the C-terminus of ubiquitin. UCH-L1 is a member of the low molecular weight UCHs that processes ubiquitin precursors and ubiquitinated proteins to generate monomeric ubiquitin. The expression of UCH-L1 is highly specific to cells of the neuroendocrine system and their tumors. UCH-L1 variants (Ile⁹³Met) have been linked to Parkinson disease and may participate in processes critical for neuronal health.

Product Information

Quantity:	200 µl
Source:	Protein A affinity purified rabbit polyclonal antibody.
Antigen:	Full-length, highly purified human UCHL1 protein.
Stock:	PBS pH 7.4.

Use & Storage

Specificity:	Recommended dilution range for Western blot analysis is 1:100 to 1:1000.
Storage:	Store unopened vial at -80°C. Avoid repeated freeze-thaw cycles. Aliquot antibody in small volumes prior to freezing.

Literature

References:	Day I.N., <i>et al.</i> (1990) <u>Biochem J.</u> 268 :521-524
	Dang L.C. <i>et al.</i> (1998) <u>Biochem.</u> 37 :1868-1879
	Johnston S.C., <i>et al.</i> (1999) <u>EMBO J.</u> 18 :3877-3887
	Kurihara L.J., <i>et al.</i> (2001) <u>Hum. Mol. Genet.</u> 10 :1963-1970
	Leroy E., <i>et al.</i> , (1998) <u>DNA.Res.</u> 5 :397-400
	Mayer A.N. and Wilkinson K.D. (1989) <u>Biochem.</u> 28 :166-172
	Pickart C.M., <i>et al.</i> (1985) <u>J.Biol.Chem.</u> 260 :7903-7910
	Saigoh K., <i>et al.</i> (1999) <u>Nat. Genet.</u> 23 :47-51

For Laboratory Research Use Only, Not For Use in Humans