

**DESCRIPTION**

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects UCH-L1 in Western blots.
<b>Source</b>	Polyclonal Rabbit IgG
<b>Purification</b>	Protein A or G purified
<b>Immunogen</b>	Full-length, highly purified human UCH-L1 protein
<b>Formulation</b>	Supplied in PBS. See Certificate of Analysis for details.

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

**Western Blot** Recommended dilution range for Western blot analysis is 1:100 to 1:1000.

**PREPARATION AND STORAGE**

<b>Shipping</b>	The product is shipped with dry ice or equivalent. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	Store unopened vial at -80°C. Avoid repeated freeze-thaw cycles. Aliquot antibody in small volumes prior to freezing.

**BACKGROUND**

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.