

DESCRIPTION

Species Reactivity	Human
Specificity	Detects UCH-L1 in Western blots.
Source	Polyclonal Rabbit IgG
Purification	Protein A or G purified
Immunogen	Full-length, highly purified human UCH-L1 protein
Formulation	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.
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PREPARATION AND STORAGE

Shipping	The product is shipped with dry ice or equivalent. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	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.