



Anti-UCHL1 Antibody

Alternative Names: UCHL1, Ubiquitin carboxyl-terminal hydrolase isozyme L1, ubiquitin C-terminal hydrolase, PGP9.5, protein gene product 9.5, PARK5, UCH-L1, Neuron cytoplasmic protein 95, PGP 95, PGP95, Ubiquitin thioesterase L1

Catalogue Number: AA17-10045-50ug

Size: 50 µg

Background Information

Ubiquitin carboxyl-terminal hydrolase isozyme L1 (UCHL1) is a neuronal biomarker that is expressed in neurons and neuroendocrine cells in vertebrates where it comprises about 5-10% of soluble cytoplasmic proteins. It is involved in the processing of both ubiquitin precursors and ubiquitinated proteins, as a thiol protease that recognises and hydrolyses a peptide bond at the C-terminal glycine of ubiquitin. A minor proportion of UCHL1 in brain is tightly bound to the membrane. UCHL1 Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Mouse, Human
Immunogen:	Full length recombinant human Uch-L1		
Format:	50 µg in 100 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	WB WB: 1-2ug/ml		

Additional Information

Subcellular location:	Endoplasmic reticulum membrane	MW:	25kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	7345	Uniprot ID:	P09936