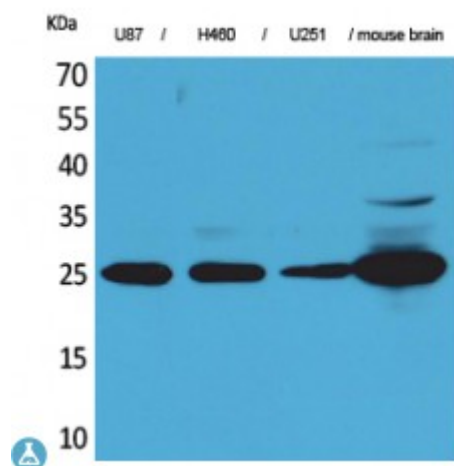


Anti-UCH-L1 antibody



Description	Rabbit polyclonal to UCH-L1.
Model	STJ96506
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human UCH-L1.
Immunogen Region	31-80 aa, Internal
Gene ID	7345
Gene Symbol	UCHL1
Dilution range	WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000
Specificity	UCH-L1 Polyclonal Antibody detects endogenous levels of UCH-L1 protein.
Tissue Specificity	Found in neuronal cell bodies and processes throughout the neocortex (at protein level). Expressed in neurons and cells of the diffuse neuroendocrine system and their tumors. Weakly expressed in ovary. Down-regulated in brains from Parkinson disease and Alzheimer disease patients.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ubiquitin carboxyl-terminal hydrolase isozyme L1 UCH-L1 Neuron cytoplasmic protein 9.5 PGP 9.5 PGP9.5 Ubiquitin thioesterase L1

Molecular Weight	25 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12513OMIM:191342
Alternative Names	Ubiquitin carboxyl-terminal hydrolase isozyme L1 UCH-L1 Neuron cytoplasmic protein 9.5 PGP 9.5 PGP9.5 Ubiquitin thioesterase L1
Function	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.
Cellular Localization	Cytoplasm Endoplasmic reticulum membrane. About 30% of total UCHL1 is associated with membranes in brain.
Post-translational Modifications	O-glycosylated.