
UCHL1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253235

Unit: 0.1 ml

Description:

Ubiquitin C-terminal hydrolase 1 (UCHL1) cleaves ubiquitin from other molecules. Genetic knockout of UCHL1 in mice results in a motor neuron degeneration similar to the spontaneous gracile axonal dystrophy (gad) mutant mice. Point mutations in the UCHL1 gene are associated with some forms of human Parkinson's disease. Since UCHL1 is heavily expressed in neurons, it is released in large amounts following injury or degeneration. The detection of UCHL1 in CSF and other bodily fluids can be used as a biomarker.

Isotype: Rabbit Ig

Applications: E, WB, IF

Species Reactivity: H, M

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, 50% glycerol with 0.065% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Ubiquitin carboxyl-terminal hydrolase isozyme L1; UCH-L1; Neuron cytoplasmic protein 9.5 PGP 9.5; PGP9.5; Ubiquitin thioesterase L1; UCHL1

Accession No.: P09936

Antigen: Recombinant full length human UCHL1 expressed in E. coli.

Application Notes: E: 1:500-1:1,000; WB: 1:2,500; IF: 1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.