

## UCHL 1

Cat.No. 233 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

### Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	<b>WB:</b> 1 : 1000 up to 1 : 5000 (AP staining) <b>IP:</b> not tested yet <b>ICC:</b> 1 : 500 <b>IHC:</b> yes <b>IHC-P/FFPE:</b> not tested yet
Immunogen	Recombinant protein corresponding to AA 6 to 223 from rat UCHL1 (UniProt Id: Q00981)
Reactivity	Reacts with: rat (Q00981), mouse (Q9R0P9). No signal: zebrafish. Other species not tested yet.
Specificity	Specific for UCHL 1

**TO BE USED IN VITRO / FOR RESEARCH ONLY**  
**NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

The Ubiquitin carboxyl-terminal hydrolase isozyme L1 (UCHL 1) enzyme is a member of a protein family involved in the hydrolyzation of C-terminal adducts of polymeric ubiquitin to generate monomeric ubiquitin. It is abundantly expressed in neurons throughout the brain and belongs to the ubiquitin-proteasome system. This pathway is responsible for the degradation of misfolded and damaged proteins and has been postulated to play an important role in Parkinson's disease.

### Selected General References

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