

**UCHL3 Rabbit mAb**  
Catalog # AP77362**Specification**

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**UCHL3 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P15374</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>26183</b>

**UCHL3 Rabbit mAb - Additional Information****Gene ID** 7347**Other Names**  
UCHL3**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**UCHL3 Rabbit mAb - Protein Information****Name** UCHL3**Function**

Deubiquitinating enzyme (DUB) that controls levels of cellular ubiquitin through processing of ubiquitin precursors and ubiquitinated proteins. Thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of either ubiquitin or NEDD8. Has a 10-fold preference for Arg and Lys at position P3", and exhibits a preference towards 'Lys-48'-linked ubiquitin chains. Deubiquitinates ENAC in apical compartments, thereby regulating apical membrane recycling. Indirectly increases the phosphorylation of IGFIR, AKT and FOXO1 and promotes insulin-signaling and insulin-induced adipogenesis. Required for stress-response retinal, skeletal muscle and germ cell maintenance. May be involved in working memory. Can hydrolyze UBB(+1), a mutated form of ubiquitin which is not effectively degraded by the proteasome and is associated with neurodegenerative disorders.

**Cellular Location**  
Cytoplasm.**Tissue Location**  
Highly expressed in heart, skeletal muscle, and testis.

## UCHL3 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## UCHL3 Rabbit mAb - Images

