

#### **UCHL3 Rabbit mAb**

Catalog # AP77362

### **Specification**

#### **UCHL3 Rabbit mAb - Product Information**

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB
P15374
Human, Mouse, Rat
Rabbit
Monoclonal Antibody
26183

#### **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

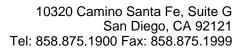
#### **Function**

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 neurogenerative 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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# UCHL3 Rabbit mAb - Images

