

Anti-UCHL3 Antibody (Internal)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17577**Specification**

Anti-UCHL3 Antibody (Internal) - Product Information

Application	IHC-P
Primary Accession	P15374
Predicted	Human, Monkey, Bovine, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26183

Anti-UCHL3 Antibody (Internal) - Additional Information**Gene ID** 7347

Alias Symbol	UCHL3
Other Names	
UCHL3, Ubiquitin thiolesterase, Ubiquitin thioesterase L3, UCH-L3	

Target/Specificity

Human UCHL3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-UCHL3 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-UCHL3 Antibody (Internal) - 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.

Anti-UCHL3 Antibody (Internal) - 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](#)

Anti-UCHL3 Antibody (Internal) - Images