

Product Datasheet

UCHL3 Antibody

Catalog No: CY5250

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P15374

All Names: UCH-L3; Ubiquitin thiolesterase L3; Ubiquitin carboxyl-terminal hydrolase isozyme L3; UCHL3;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

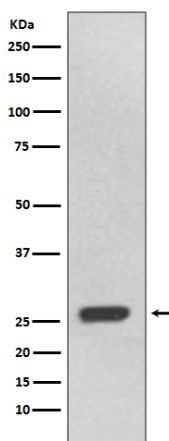
Molecular Wt.: 26 kDa

Application

WB: 1:1000~1:2000

Background

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.



Western blot analysis of UCHL3 expression in 293T cell lysate.

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