

Datasheet for ABIN7174370
anti-UCHL3 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	UCHL3 (Uchl3)
Binding Specificity:	AA 1-220, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCHL3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Ubiquitin carboxyl-terminal hydrolase isozyme L3 protein (1-220AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	UCHL3 (Uchl3)
Alternative Name:	UCHL3 (Uchl3 Products)
Background:	Background: Deubiquitinating enzyme (DUB) that controls levels of cellular ubiquitin through processing of ubiquitin precursors and ubiquitinated proteins. Thiol protease that recognizes

Target Details

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 IGFR, 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.

Aliases: Ubiquitin carboxyl-terminal hydrolase isozyme L3 antibody, Ubiquitin thioesterase L3 antibody, Ubiquitin thiolesterase antibody, Ubiquitin thiolesterase L3 antibody, UCH L3 antibody, UCH-L3 antibody, UCHL3 antibody, UCHL3_HUMAN antibody

UniProt: [P15374](#)

Pathways: [Feeding Behaviour](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

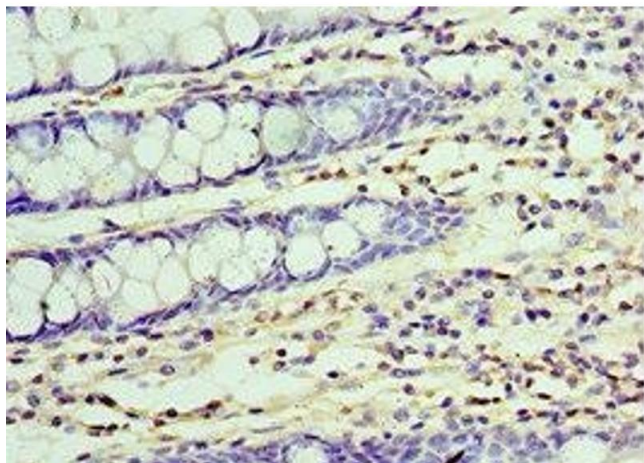
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

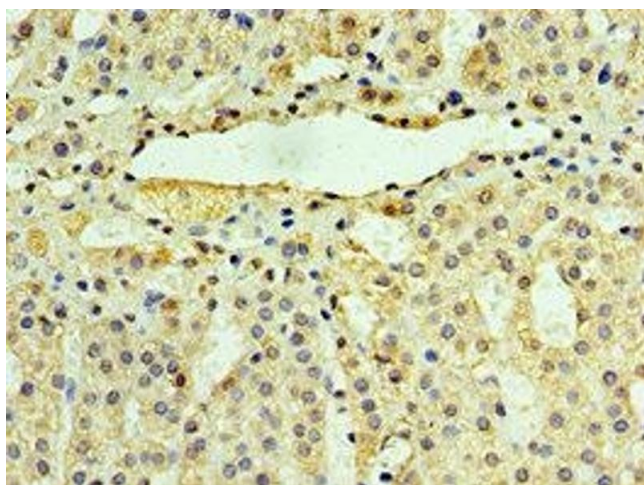
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon tissue using ABIN7174370 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7174370 at dilution of 1:100