

UCHL5 Polyclonal Antibody

ALTERNATE NAMES:	AD-019, CGI-70, Ubiquitin carboxyl-terminal hydrolase isozyme L5, Ubiquitin C-terminal hydrolase, UCH37, Ubiquitin thioesterase L5, UCH37, UCH-L5, (Ubiquitin C-terminal hydrolase L5)
CATALOG #:	6129-50
AMOUNT:	50 µg
HOST:	Chicken
ISOTYPE:	IgG
IMMUNOGEN:	Recombinant full length protein
PURIFICATION:	Purified from Egg Yolk
FORM:	Liquid
FORMULATION:	50 µg of antibody in PBS containing 10% glycerol
PREDICTED MW:	49 kDa (With tags)
SPECIES REACTIVITY:	Human
STORAGE CONDITIONS:	Store at -20°C. Do not aliquot the antibody.

DESCRIPTION: Protein ubiquitination and deubiquitination are reversible processes catalyzed by ubiquitinating enzymes (UBEs) and deubiquitinating enzymes (DUBs). DUBs are categorized into 5 subfamilies: USP, UCH, OTU, MJD, and JAMM. UCHL1, UCHL3, UCHL5/UCH37, and BRCA-1-associated protein-1 (BAP1) belong to the UCH family of DUBs, which all possess a conserved catalytic domain (UCH domain) of about 230 amino acids. UCHL5 and BAP1 have unique extended C-terminal tails. UCHL5 is the only ubiquitin carboxy-terminal hydrolase (UCH)-family protease that is associated with mammalian proteasomes. It is a protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome. Putative regulatory component of the INO80 complex; however is inactive in the INO80 complex and is activated by a transient interaction of the INO80 complex with the proteasome via ADRM1. It is responsible for the ubiquitin isopeptidase activity in the PA700 (19S) proteasome regulatory complex

SPECIFICITY:	Human
APPLICATION:	Western blot: Robust detection of 100 ng of recombinant protein was possible when antibody was used at a final concentration of 5 µg/mL

RELATED PRODUCTS:

- UCHL3 Polyclonal Antibody (Cat. No. 6128-50)
- UCHL1 Polyclonal Antibody (Cat. No. 6130-50)
- Human Recombinant UCHL1 (Cat. No. 6306-100)
- Human Recombinant UCHL3 (Cat. No. 6358-100)
- Human Recombinant UCHL5 (Cat. No. 6359-100)
- UbcH1, human recombinant (GST-tag) (Cat. No. 4846-10, -100)
- UbcH5a, human recombinant (His-tag) (Cat. No. 4851-10, -100)
- UbcH5b, human recombinant (His-tag) (Cat. No. 4852-10, -100)
- UCHL1, human recombinant (GST-tag) (Cat. No. 4855-50)
- Human recombinant UBE2D3 (UbcH5c) (Cat. No. 6430-3)
- Human recombinant UBE2L3 (UbcH7) (Cat. No. 6431-3)
- Human recombinant UBE2K (UbcH1) (Cat. No. 6432-3)
- Yeast recombinant Ubc13 (UBE2N) (Cat. No. 6433-3)
- Yeast recombinant Mms2 (UEV-2) (Cat. No. 6434-3)
- Human recombinant UBE2D2 (UbcH5b) (Cat. No. 6435-3)
- Human recombinant UBE2R1 (CDC34) (Cat. No. 6436-3)
- Human recombinant UBE2E2 (UbcH8) (Cat. No. 6438-3)
- Human recombinant UBE2E3 (UbcH9) (Cat. No. 6439-3)
- Human recombinant UBE2H (UbcH2) HIS (Cat. No. 6440-3)
- Human recombinant UBE2H (UbcH2), HIS₆SUMO (Cat. No. 6441-3)

FOR RESEARCH USE ONLY! Not to be used on humans.

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user