

## UCH37 (UCHL5) Antibody (N-term)

Catalog_no :	AB2053
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:56-87
Specificity :	This UCH37 (UCHL5) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-87 amino acids from the N-terminal region of human UCH37 (UCHL5).
Dilution :	WB,1:1000;IHC-P,1:50~100;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Ubiquitin carboxyl-terminal hydrolase isozyme L5, UCH-L5, Ubiquitin C-terminal hydrolase UCH37, Ubiquitin thioesterase L5, UCHL5, UCH37
Isotype :	Rabbit Ig
Background :	Covalent attachment of the C-terminus of ubiquitin to cellular proteins plays a role in a variety of cellular processes. Ubiquitin C-terminal hydrolysis is catalyzed by deubiquitinating (DUB) enzymes and is necessary for several functions, including liberation of monomeric ubiquitin from the precursors encoded by ubiquitin genes and recycling of ubiquitin monomers. There are 2 distinct families of DUBs, ubiquitin-specific proteases (UBPs) and ubiquitin C-terminal hydrolases (UCHs). Mayer and Wilkinson (1989) identified 4 distinct UCH activities from bovine thymus. All 4 were thiol proteases and had high-affinity binding sites for ubiquitin. Wilkinson et al. (1989) purified the predominant isozyme, UCHL3, and raised antibodies against it. By screening a human B-cell expression library with the antibodies, the authors isolated cDNAs encoding human UCHL3. Sequence comparisons revealed that the sequence of the predicted 230-amino acid human UCHL3 protein is 54% identical to that of UCHL1.
reference :	M-P. et al. Proteomics. July; 9(13): 3609?622(2009). Hu, R.M., et al., Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548 (2000). Lai, C.H., et al., Genome Res. 10(5):703-713 (2000).