

UHL3 Antibody (C-term)

Catalog_no :	AB2052
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:195-225
Specificity :	This UHL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 195-225 amino acids from the C-terminal region of human UHL3.
Dilution :	WB,1:1000;WB,1:1000;WB,1:1000;IHC-P,1:10~50;
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 L3, UCH-L3, Ubiquitin thioesterase L3, UHL3
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, UHL3, and raised antibodies against it. By screening a human B-cell expression library with the antibodies, the authors isolated cDNAs encoding human UHL3. Sequence comparisons revealed that the sequence of the predicted 230-amino acid human UHL3 protein is 54% identical to that of UCHL1.
reference :	Saito, S., et al., J. Hum. Genet. 48(5):249-270 (2003). Wilkinson, K.D., et al., Science 246(4930):670-673 (1989).