



UCHL3 Rabbit pAb

Catalog No	YP-Ab-18680
Isotype	IgG
Reactivity	Human, Mouse, Rat
Applications	WB
Gene Name	UCHL3
Immunogen	Synthesized peptide derived from human UCHL3
Specificity	This antibody detects endogenous levels of UCHL3 at Human, Mouse, Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	UCH-L3; UCHL3; Ubiquitin carboxyl-terminal hydrolase isozyme L3 (UCH-L3) (Ubiquitin thioesterase L3)
Observed Band	26kDa
Calculated Molecular Weight	26kDa
Cell Pathway	Cytoplasm.
Tissue Specificity	Highly expressed in heart, skeletal muscle, and testis.
Function	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. 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.



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images