

KD-Validated Anti-UCHL5 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2278

Product Information

Application	WB
Primary Accession	Q9Y5K5
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB4580
Calculated MW	37607
Gene Name	UCHL5
Aliases	UCHL5; Ubiquitin C-Terminal Hydrolase L5; UCH37; CGI-70; INO80R; Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L5; Ubiquitin Carboxyl-Terminal Hydrolase L5; Ubiquitin C-Terminal Hydrolase UCH37; Ubiquitin Thioesterase L5; INO80 Complex Subunit R; EC 3.4.19.12; UCH-L5; Ubiquitin Carboxyl-Terminal Esterase L5
Immunogen	A synthesized peptide derived from human UCHL5

Additional Information

Gene ID	51377
Other Names	Ubiquitin carboxyl-terminal hydrolase isozyme L5, UCH-L5, 3.4.19.12, Ubiquitin C-terminal hydrolase UCH37, Ubiquitin thioesterase L5, UCHL5, UCH37

Protein Information

Name	UCHL5
Synonyms	UCH37
Function	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.
Cellular Location	Cytoplasm. Nucleus. Note=Associates with the proteasome 19S subunit in the cytoplasm. Associates with the INO80 complex in the nucleus

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