

Rabbit UCHL3 Polyclonal Antibody | anti-UCHL3 antibody

Anti-UCHL3 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255119	Rabbit	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

UCHL3; Polyclonal Antibody; Anti-UCHL3 Antibody; Rabbit Polyclonal; UCHL3 Antibody; Rabbit PAb; Antigen Affinity Purified; ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase); Anti-UCH-L3 Antibody; anti-UCHL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human UCHL3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-UCHL3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human UCHL3
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human UCHL3, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human UCHL3 in human skeletal muscle with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-UCHL3 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 26 kDa Observed band size: 26 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-UCHL3 antibody	Ubiquitin carboxyl-terminal hydrolase isozyme L3, also known as UCH-L3, Ubiquitin thioesterase L3 and UCHL3, is a ubiquitin-protein hydrolase that belongs to the peptidase C12 family. It is involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of either ubiquitin or NEDD8. UCHL3 is highly expressed in heart, skeletal muscle, and testis. UCHL1 and UCHL3 are two of the deubiquitinating enzymes expressed in the brain. These phenotypes indicate the importance of UCHL1 and UCHL3 in the regulation of the central nervous system. UCHL3 functions as a de-ubiquitinating enzyme where lack of its hydrolase activity may result in the prominent accumulation of ubiquitinated proteins and subsequent induction of stress responses in skeletal muscle. UCHL3 has also been identified as a tumor-specific antigen in colon cancer.
References	Wood, M.A. et al., 2005, Hippocampus 15 (5):610-21. Kwon, J. et al., 2006, Exp Anim 55 (1):35-43. Setsuie, R. et al., 2009, Neurochem Int 54 (5-6):314-21. Setsuie, R. et al., 2010, Neurochem Int 56 (8):911-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	401709950
NCBI GeneID	7347
NCBI Accession #	NP_001257881.1
NCBI GenBank Nucleotide #	NM_001270952.1
UniProt Accession #	P15374; Q5TBK8; Q6IBE9; B2R970
Molecular Weight	26,183 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase isozyme L3 isoform 1
NCBI Official Synonym Full Names	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)
NCBI Official Symbol	UCHL3
NCBI Official Synonym Symbols	UCH-L3
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase isozyme L3; ubiquitin thioesterase L3; ubiquitin thiolesterase
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase isozyme L3
UniProt Gene Name	UCHL3
UniProt Synonym Gene Names	UCH-L3
UniProt Entry Name	UCHL3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uchl3-antibody-immunohistochemistry-western-blot-elisa/255119>