Rabbit anti-Human UCHL3 Polyclonal Antibody | anti-UCHL3 antibody

Anti-UCHL3 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255443	**Rabbit**	**Human**	**Immunoprecipitation, ELISA, Western Blot**

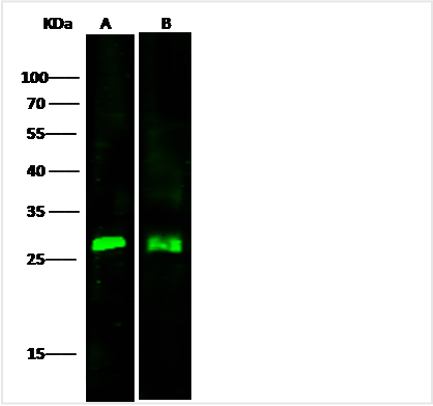
PRODUCT SYNONYMS

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

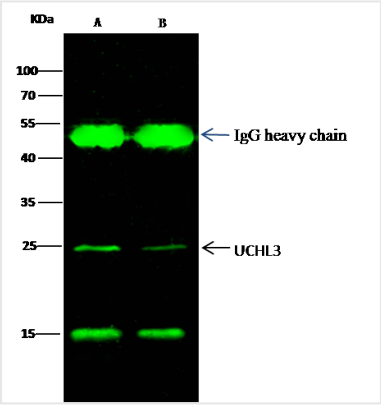
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human UCHL3/UCH-L3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-UCHL3 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human UCHL3 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human UCHL3 (rh UCHL3). UCHL3 specific IgG was purified by human UCHL3 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. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-UCHL3 rabbit polyclonal antibody at 1:500 dilutionLane A: Jurkat Whole Cell LysateLane B: MCF7 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:18 kDaObserved band size:14 kDa



IP (Immunoprecipitation)
UCHL3 was immunoprecipitated using:Lane A:0.5 mg MCF-7 Whole Cell LysateLane B:0.5 mg Jurkat Whole Cell Lysate2 uL anti-UCHL3 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-UCHL3 rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 25 kDaObserved band size: 25 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 #	5174741
NCBI GeneID	7347
NCBI Accession #	NP_005993.1
NCBI GenBank Nucleotide #	NM_006002.4
UniProt Accession #	P15374
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase isozyme L3 isoform 2
NCBI Official Synonym Full Names	ubiquitin C-terminal hydrolase L3
NCBI Official Symbol	UCHL3
NCBI Official Synonym Symbols	UCH-L3
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase isozyme L3
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-immunoprecipitation-western-blot-elisa/255443