

Rabbit anti-Human Ube2H Polyclonal Antibody | anti-UBE2H antibody

Anti-Ube2H Antibody, Rabbit Polyclonal

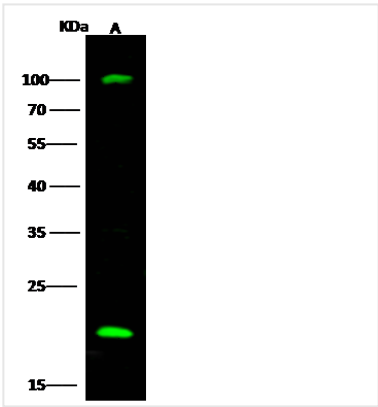
CATALOG # AAA255615	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, ELISA, Western Blot
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PRODUCT SYNONYMS

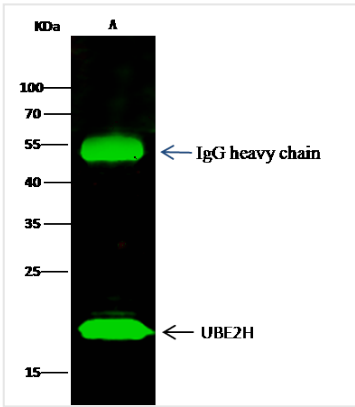
Ube2H; Polyclonal Antibody; Anti-Ube2H Antibody; Rabbit Polyclonal; UBE2H Antibody; Rabbit PAb; Antigen Affinity Purified; ubiquitin-conjugating enzyme E2H; Anti-E2-20K Antibody; Anti-GID3 Antibody; Anti-UBC8 Antibody; Anti-UBCH Antibody; Anti-UBCH2 Antibody; anti-UBE2H antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human UBE2H
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-UBE2H antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human UBE2H protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human UBE2H (rh UBE2H). UBE2H specific IgG was purified by Human UBE2H 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.



WB (Western Blot)
Anti-UBE2H rabbit polyclonal antibody at 1:500 dilutionLane A: Hela 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:21 kDaObserved band size:21 kDa(We are unsure as to the identity of these extra bands.



IP (Immunoprecipitation)
UBE2H was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell Lysate2 uL anti-UBE2H rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-UBE2H rabbit polyclonal antibody,at 1:200 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: 22 kDaObserved band size: 22 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2H antibody	UBE2H is a member of the ubiquitin-conjugating E2 family whose members perform the second step in the ubiquitination reaction. Initially identified as the main process for protein degradation, ubiquitination is believed nowadays to be crucial for a wider range of cellular processes. The outcome of the ubiquitin-conjugation reaction, and thereby the fate of the substrate, is heavily dependent on the number of ubiquitin molecules attached and how these ubiquitin molecules are inter-connected. To deal with this complexity and to allow adequate ubiquitination in time and space, a highly sophisticated conjugation machinery has been developed. In a sequential manner, ubiquitin becomes activated by a ubiquitin-activating enzyme (E1), which then transfers the ubiquitin to a group of ubiquitin-conjugating enzymes (E2s). Next, ubiquitin-loaded E2s are interacting with ubiquitin-protein ligases (E3s) and ubiquitin is conjugated to substrates on recruitment by the E3. These three key enzymes are operating in a hierarchical system, wherein two E1s and 35 E2s have been found and hundreds of E3s have been identified in humans.
References	Sjoerd J L van Wijk, et al. (2009) A comprehensive framework of E2-RING E3 interactions of the human ubiquitin-proteasome system. Mol Syst Biol. 5: 317.Nandi D, et al. (2006) The ubiquitin-proteasome system. Journal of biosciences. 31 (1): 137-55.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51338683
NCBI GeneID	7328
UniProt Accession #	P62256; P37286; Q7Z6F4; A4D1L6; C9JY93
Molecular Weight	183
NCBI Official Full Name	Ubiquitin-conjugating enzyme E2 H
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2H
NCBI Official Symbol	UBE2H
NCBI Official Synonym Symbols	GID3; UBC8; UBCH; UBCH2; E2-20K
NCBI Protein Information	ubiquitin-conjugating enzyme E2 H; ubiquitin-protein ligase H; ubiquitin carrier protein H; GID complex subunit 3, UBC8 homolog; ubiquitin-conjugating enzyme E2-20K; ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast); ubiquitin-conjugating enzyme E2H
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 H

UniProt Gene Name	UBE2H
UniProt Entry Name	UBE2H_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/ube2h-antibody-immunoprecipitation-western-blot-elisa/255615>