

Rabbit anti-Human, rat UBE2N Polyclonal Antibody | anti-UBE2N antibody

UBE2N Antibody (Center)

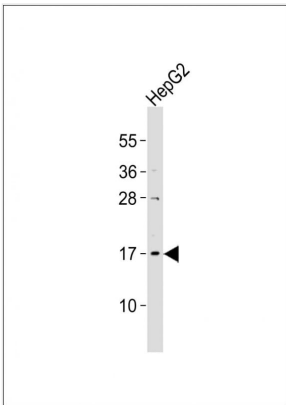
CATALOG # AAA286917	HOST Rabbit	REACTIVITY Human, rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

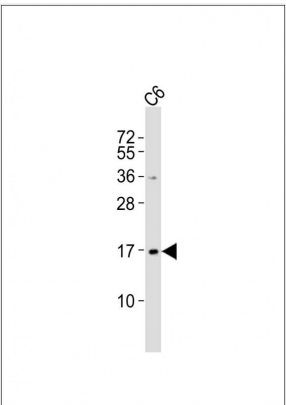
UBE2N; Polyclonal Antibody; UBE2N Antibody (Center); Ubiquitin-conjugating enzyme E2 N; Bendless-like ubiquitin-conjugating enzyme; Ubc13; UbcH13; Ubiquitin carrier protein N; Ubiquitin-protein ligase N; BLU; anti-UBE2N antibody

PRODUCT SPECIFICATIONS

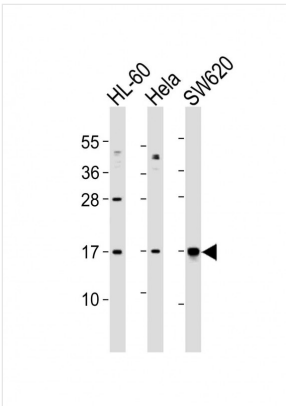
Host	Rabbit
Reactivity	Human, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UBE2N antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 41-74 amino acids from the Central region of human UBE2N.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.46 (varies by lot)
Sequence Length	152
Applicable Applications for anti-UBE2N antibody	ELISA, WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Anti-UBE2N Antibody (Center) at 1:2000 dilution + HepG2 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 17 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-UBE2N Antibody (Center) at 1:500 dilution + C6 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 17 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
All lanes : Anti-UBE2N Antibody (Center) at 1:1000 dilutionLane 1: HL-60 whole cell lysatesLane 2: HeLa whole cell lysatesLane 3: SW620 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 17 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2N antibody	The UBE2V1-UBE2N and UBE2V2-UBE2N heterodimers catalyze the synthesis of non-canonical 'Lys-63'-linked polyubiquitin chains. This type of polyubiquitination does not lead to protein degradation by the proteasome. Mediates transcriptional activation of target genes. Plays a role in the control of progress through the cell cycle and differentiation. Plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage. Acts together with the E3 ligases, HLTF and SHPRH, in the 'Lys-63'-linked poly-ubiquitination of PCNA upon genotoxic stress, which is required for DNA repair. Appears to act together with E3 ligase RNF5 in the 'Lys-63'-linked polyubiquitination of JKAMP thereby regulating JKAMP function by decreasing its association with components of the proteasome and ERAD. Promotes TRIM5 capsid-specific restriction activity and the UBE2V1-UBE2N heterodimer acts in concert with TRIM5 to generate 'Lys-63'-linked polyubiquitin chains which activate the MAP3K7/TAK1 complex which in turn results in the induction and expression of NF-kappa-B and MAPK-responsive inflammatory genes (By similarity).
References	Yamaguchi T.,et al.J. Biochem. 120:494-497(1996). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Lubec G.,et al.Submitted (DEC-2008) to UniProtKB. Zou W.,et al.Biochem. Biophys. Res. Commun. 336:61-68(2005). Hofmann R.M.,et al.Cell 96:645-653(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507793
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NCBI GeneID	7334
NCBI Accession #	NP_003339.1
NCBI GenBank Nucleotide #	NM_003348.3
UniProt Accession #	P61088; Q16781; Q53Y81
Molecular Weight	17138
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 N
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2N
NCBI Official Symbol	UBE2N
NCBI Official Synonym Symbols	UBC13; Ubch13; HEL-S-71; Ubch-ben; UBCHBEN; UBC13
NCBI Protein Information	ubiquitin-conjugating enzyme E2 N
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 N
UniProt Gene Name	UBE2N
UniProt Synonym Gene Names	BLU
UniProt Entry Name	UBE2N_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/ube2n-antibody-western-blot-elisa/286917>