

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

UBE2N Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234117	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

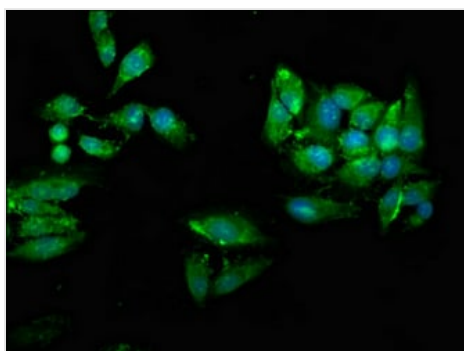
PRODUCT SYNONYMS

UBE2N; Polyclonal Antibody; UBE2N Antibody; Ubiquitin-conjugating enzyme E2 N; Bendless-like ubiquitin-conjugating enzyme; E2 ubiquitin-conjugating enzyme N; Ubc13; Ubch13; Ubiquitin carrier protein N; Ubiquitin-protein ligase N; BLU; anti-UBE2N antibody

PRODUCT SPECIFICATIONS

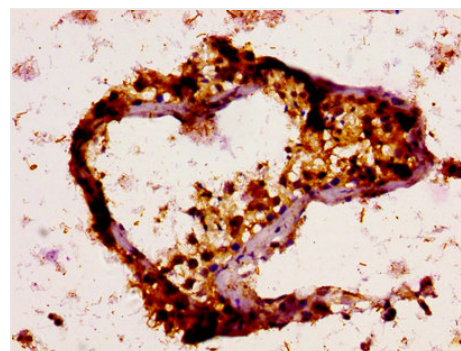
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	152
Applicable Applications for anti-UBE2N antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Ubiquitin-conjugating enzyme E2 N protein (20-138AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234117 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234117 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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.
Product Categories/Family for anti-UBE2N antibody	Epigenetics and Nuclear Signaling; Cell biology; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507793
NCBI GeneID	7334
NCBI Accession #	NP_003339.1
NCBI GenBank Nucleotide #	NM_003348.3
UniProt Accession #	P61088; Q16781; Q53Y81
Molecular Weight	17,138 Da
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 N
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 N
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

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-immunofluorescence-immunohistochemistry-elisa/234117>