UBE2J2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UBE2J2, Polyclonal Antibody
Full Product Name	UBE2J2 (Ubiquitin-conjugating Enzyme E2 J2, Non-canonical Ubiquitin-conjugating Enzyme 2, NCUBE2, NCUBE-2, PRO2121) (MaxLight 405)
Product Gene Name	anti-UBE2J2 antibody
Product Synonym Names	EC=6.3.2.19
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human UBE2J2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	30,972 Da
3D Structure	ModBase 3D Structure for Q8N2K1
Immunogen	Full length human UBE2J2, aa1-259 (NP_477515.2).
Immunogen Sequence	MSSTSSKRAPTTATQRLKQDYLRIKKDPVPYICAEPLPSNILEWHYVVRGPEMTPYEGGYYHGKLIFPREFPFKPPSIYMITPNGRFKCNTRLCLSITDFHPI
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-UBE2J2 antibody	Antibodies; Ubiquitin
Applications Tested/Suitable for anti-UBE2J2 antibody	Western Blot (WB)
Application Notes for anti-UBE2J2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-UBE2J2 antibody	MaxLight405 is a new Violet photostable dye conjugate comparable to Alexa Fluor 405, PacificBlue, Brilliant Violet 421 and offers better labeling efficie

Other Notes	Small volumes of anti-UBE2J2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece
Searchable Terms for UBE2J2 purchase	MBS6397847 is an antibody targeting UBE2J2. Also known as UBE2J2 (Ubiquitin-conjugating Enzyme E2 J2, Non-canonical Ubiquitin-conjugating Enz

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2J2. It may not necessarily be applicable to this product.

NCBI GI #	37577124
NCBI GeneID	118424
NCBI Accession #	NP_477515.2
UniProt Primary Accession #	Q8N2K1
UniProt Secondary Accession #	Q504T9; Q96N26; Q96T84; A8MYC7
UniProt Related Accession #	Q8N2K1
GenBank Nucleotide #	NM_058167.2
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 J2 isoform 2
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2, J2
NCBI Official Symbol	UBE2J2
NCBI Official Synonym Symbols	NCUBE2; NCUBE-2; PRO2121
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 J2
UniProt Synonym Protein Names	Non-canonical ubiquitin-conjugating enzyme 2; NCUBE-2
Protein Family	Ubiquitin-conjugating enzyme
UniProt Gene Name	UBE2J2
UniProt Synonym Gene Names	NCUBE2; NCUBE-2
UniProt Entry Name	UB2J2_HUMAN
NCBI Protein Information	ubiquitin-conjugating enzyme E2 J2; non-canonical ubiquitin-conjugating enzyme 2; ubiquitin conjugating enzyme 6; ubiquitin conjugating enzyme E2, J2; ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast); yeast UBC6 homolog
NCBI Summary for UBE2J2	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is located in the membrane of the endoplasmic reticulum. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2008]

UniProt Comments for UBE2J2	UBE2J2: Catalyzes the covalent attachment of ubiquitin to other proteins. Seems to function in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum. Belongs to the ubiquitin-conjugating enzyme family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Ubiquitin conjugating system; Ligase; EC 6.3.2.19; Ubiquitin ligase; Membrane protein, integral; Endoplasmic reticulum Chromosomal Location of Human Ortholog: 1p36.33 Cellular Component: endoplasmic reticulum membrane; endoplasmic reticulum; integral to membrane Molecular Function: small conjugating protein ligase activity; ubiquitin protein ligase binding; ATP binding; ligase activity Biological Process: ER-associated protein catabolic process; protein polyubiquitination; response to unfolded protein
Research Articles on UBE2J2	**1.** Endoplasmic reticulum localization and cis-enzymatic activity play a role in regulating the steady state expression of human Ube2J2, ER localization and cis-enzymatic activity play a role in regulating the steady state expression of human Ube2J2.
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