UBE2J2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UBE2J2, Polyclonal Antibody
Full Product Name	UBE2J2 Conjugated Antibody
Product Gene Name	anti-UBE2J2 antibody
Product Synonym Names	NCUBE2; NCUBE-2; PRO2121
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total UBE2J2 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	30,972 Da
3D Structure	ModBase 3D Structure for Q8N2K1
Immunogen	Fusion protein of human UBE2J2
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-UBE2J2 antibody	Most Applications
Application Notes for anti-UBE2J2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-UBE2J2 antibody	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.
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 necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UBE2J2 purchase	MBS9451646 is an antibody targeting UBE2J2. Also known as UBE2J2 Conjugated Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	109731252
NCBI GeneID	118424
NCBI Accession #	BC113430
UniProt Primary Accession #	Q8N2K1
UniProt Secondary Accession #	Q504T9; Q96N26; Q96T84; A8MYC7
UniProt Related Accession #	Q8N2K1
NCBI Official Full Name	Homo sapiens ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast), mRNA
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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