UBE2J2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UBE2J2, Polyclonal Antibody
Full Product Name	UBE2J2 Antibody
Product Gene Name	anti-UBE2J2 antibody
Product Synonym Names	NCUBE2; NCUBE-2; PRO2121
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total UBE2J2 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	30,972 Da
3D Structure	ModBase 3D Structure for Q8N2K1
Immunogen	Fusion protein of human UBE2J2
Product Categories/Family for anti-UBE2J2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-UBE2J2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-UBE2J2 antibody	WB: 1:200-1:1000 IHC: 1:20-1:100
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	MBS8593975 is an antibody targeting UBE2J2. Also known as UBE2J2 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 #	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.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/ube2j2/8593975