

**UBE2J2 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13007a****Specification**

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**UBE2J2 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q8N2K1](#)**UBE2J2 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 118424**Other Names**

Ubiquitin-conjugating enzyme E2 J2, Non-canonical ubiquitin-conjugating enzyme 2, NCUBE-2, UBE2J2, NCUBE2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**UBE2J2 Antibody (N-term) Blocking peptide - Protein Information****Name** UBE2J2**Synonyms** NCUBE2**Function**

Catalyzes the covalent attachment of ubiquitin to other proteins. Seems to function in the selective degradation of misfolded membrane proteins from the endoplasmic reticulum (ERAD) (By similarity). In cooperation with the GATOR2 complex, catalyzes 'Lys-6'- linked ubiquitination of NPRL2 (PubMed:&lt;a href="http://www.uniprot.org/citations/36528027" target="\_blank"&gt;36528027&lt;/a&gt;).

**Cellular Location**

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9Y385}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:Q9Y385}

**UBE2J2 Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **UBE2J2 Antibody (N-term) Blocking peptide - Images**

#### **UBE2J2 Antibody (N-term) Blocking peptide - Background**

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].

#### **UBE2J2 Antibody (N-term) Blocking peptide - References**

David, Y., et al. J. Biol. Chem. 285(12):8595-8604(2010) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005) Tiwari, S., et al. J. Biol. Chem. 276(19):16193-16200(2001) Chen, P., et al. Cell 74(2):357-369(1993)