

UBE2Q1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17537a**Specification**

UBE2Q1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q7Z7E8](#)**UBE2Q1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 55585**Other Names**

Ubiquitin-conjugating enzyme E2 Q1, Protein NICE-5, Ubiquitin carrier protein Q1, Ubiquitin-protein ligase Q1, UBE2Q1, NICE5, UBE2Q

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.

UBE2Q1 Antibody (N-term) Blocking Peptide - Protein Information**Name** UBE2Q1**Synonyms** NICE5, UBE2Q**Function**

Catalyzes the covalent attachment of ubiquitin to other proteins (PubMed:22496338). May be involved in hormonal homeostasis in females. Involved in regulation of B4GALT1 cell surface expression, B4GALT1-mediated cell adhesion to laminin and embryoid body formation (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q7TSS2}. Cell projection, filopodium {ECO:0000250|UniProtKB:Q7TSS2}. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q7TSS2}

Tissue Location

Widely expressed..

UBE2Q1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UBE2Q1 Antibody (N-term) Blocking Peptide - Images

UBE2Q1 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 (E1s), ubiquitin-conjugating enzymes (E2s), and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is 98% identical to the mouse counterpart.

UBE2Q1 Antibody (N-term) Blocking Peptide - References

Wassler, M.J., et al. Stem Cells 26(8):2006-2018(2008) Grelle, G., et al. Mol. Cell Proteomics 5(2):234-244(2006) Wistow, G., et al. Mol. Vis. 8, 205-220 (2002) :Marenholz, I., et al. Genome Res. 11(3):341-355(2001)