

UBE2G1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17162b**Specification**

UBE2G1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P62253](#)**UBE2G1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 7326**Other Names**

Ubiquitin-conjugating enzyme E2 G1, E217K, UBC7, Ubiquitin carrier protein G1, Ubiquitin-protein ligase G1, Ubiquitin-conjugating enzyme E2 G1, N-terminally processed, UBE2G1, UBE2G

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.

UBE2G1 Antibody (C-term) Blocking Peptide - Protein Information**Name** UBE2G1**Synonyms** UBE2G**Function**

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48', as well as 'Lys-63'-linked polyubiquitination. May be involved in degradation of muscle-specific proteins. Mediates polyubiquitination of CYP3A4.

Tissue Location

Widely expressed, mainly in skeletal muscle.

UBE2G1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UBE2G1 Antibody (C-term) Blocking Peptide - Images

UBE2G1 Antibody (C-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 and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. [provided by RefSeq].

UBE2G1 Antibody (C-term) Blocking Peptide - References

Hassink, G., et al. Biochem. J. 388 (PT 2), 647-655 (2005) : Kim, B.W., et al. Mol. Endocrinol. 17(12):2603-2612(2003) Gevaert, K., et al. Nat. Biotechnol. 21(5):566-569(2003) Imai, Y., et al. Cell 105(7):891-902(2001) Tiwari, S., et al. J. Biol. Chem. 276(19):16193-16200(2001)