

UBE2H Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16924c**Specification**

UBE2H Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P62256](#)**UBE2H Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 7328**Other Names**

Ubiquitin-conjugating enzyme E2 H, UbcH2, Ubiquitin carrier protein H, Ubiquitin-conjugating enzyme E2-20K, Ubiquitin-protein ligase H, UBE2H

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.

UBE2H Antibody (Center) Blocking Peptide - Protein Information**Name** UBE2H**Function**

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins (PubMed:8132613, PubMed:17588522, PubMed:20061386). E2 ubiquitin conjugating enzyme that transfers ubiquitin to MAEA, a core component of the CTLH E3 ubiquitin-protein ligase complex (PubMed:29911972). In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination (PubMed:20061386). Capable, in vitro, to ubiquitinate histone H2A (PubMed:8132613).

UBE2H Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

UBE2H Antibody (Center) Blocking Peptide - Images

UBE2H Antibody (Center) 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. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Two alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms.

UBE2H Antibody (Center) Blocking Peptide - References

Lausen, J., et al. J. Biol. Chem. 285(8):5338-5346(2010) Martin, I., et al. Amyotroph Lateral Scler 10 (5-6), 432-435 (2009) :de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009) Martin, I., et al. Amyotroph Lateral Scler, 1-4 (2008) In press :Kim, H.J., et al. Immunol. Lett. 95(2):155-159(2004)