

UBE2D2 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP14752b

Specification

UBE2D2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P62837

UBE2D2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7322

Other Names

Ubiquitin-conjugating enzyme E2 D2, Ubiquitin carrier protein D2, Ubiquitin-conjugating enzyme E2(17)KB 2, Ubiquitin-conjugating enzyme E2-17 kDa 2, Ubiquitin-protein ligase D2, p53-regulated ubiquitin-conjugating enzyme 1, UBE2D2, PUBC1, UBC4, UBC5B, UBCH4, UBCH5B

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.

UBE2D2 Antibody (C-term) Blocking Peptide - Protein Information

Name UBE2D2

Synonyms PUBC1, UBC4, UBC5B, UBCH4, UBCH5B

Function

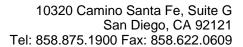
Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other

UBE2D2 Antibody (C-term) Blocking Peptide - Background

The modification of proteins with ubiquitin is animportant cellular mechanism for targeting abnormal or short-livedproteins for degradation. Ubiquitination involves at least threeclasses of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-proteinligases, or E3s. This gene encodes a member of the E2ubiquitin-conjugating enzyme family. This enzyme functions in theubiquitination of the tumor-suppressor protein p53, which isinduced by an E3 ubiquitin-protein ligase. Two alternativelyspliced transcript variants have been found for this gene and theyencode distinct isoforms.

UBE2D2 Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Wu, K., et al. Mol. Cell 37(6):784-796(2010)Vina-Vilaseca, A., et al. J. Biol. Chem. 285(10):7645-7656(2010)Sakata, E., et al. Structure 18(1):138-147(2010)Kamadurai, H.B., et al. Mol. Cell 36(6):1095-1102(2009)





proteins. In vitro catalyzes 'Lys-48'- linked polyubiquitination. Mediates the selective degradation of short- lived and abnormal proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and autoubiquitination of STUB1 and TRAF6. Involved in the signal-induced conjugation and subsequent degradation of NFKBIA, FBXW2-mediated GCM1 ubiquitination and degradation, MDM2-dependent degradation of p53/TP53 and the activation of MAVS in the mitochondria by DDX58/RIG-I in

UBE2D2 Antibody (C-term) Blocking Peptide - Protocols

response to viral infection. Essential for

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

• Blocking Peptides

viral activation of IRF3.