10320 Camino Santa Fe, Suite G
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UBE2V2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP17212c

Specification

UBE2V2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q15819

UBE2V2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 7336

Other Names
Ubiquitin-conjugating enzyme E2 variant 2, DDVit 1, Enterocyte differentiation-associated factor 1, EDAF-1, Enterocyte differentiation-promoting factor 1, EDPF-1, MMS2 homolog, Vitamin D3-inducible protein, UBE2V2, MMS2, UEV2

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.

UBE2V2 Antibody (Center) Blocking Peptide - Protein Information

Name UBE2V2

Synonyms MMS2, UEV2

Function
Has no ubiquitin ligase activity on its own. The UBE2V2/UBE2N heterodimer catalyzes the synthesis of non-canonical poly-ubiquitin chains that are linked through 'Lys-63'. This type of poly-ubiquitination does not lead to protein degradation by the proteasome. Mediates transcriptional activation of target genes. Plays a role in the control of progress through the cell cycle and differentiation. Plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage.

Tissue Location
Detected in placenta, colon, liver and skin. Detected at very low levels in most tissues

UBE2V2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

UBE2V2 Antibody (Center) Blocking Peptide - Images

UBE2V2 Antibody (Center) Blocking Peptide - Background

Ubiquitin-conjugating enzyme E2 variant proteinsconstitute a distinct subfamily within the E2 protein family. Theyhave sequence similarity to other ubiquitin-conjugating enzymes butlack the conserved cysteine residue that is critical for thecatalytic activity of E2s. The protein encoded by this gene alsoshares homology with ubiquitin-conjugating enzyme E2 variant 1 andyeast MMS2 gene product. It may be involved in the differentiationof monocytes and enterocytes.

UBE2V2 Antibody (Center) Blocking Peptide - References

Wen, R., et al. Plant Cell 20(1):213-227(2008)Brun, J., et al. BMC Mol. Biol. 9, 24 (2008) :Pastushok, L., et al. FEBS Lett. 581(28):5343-5348(2007)Zhao, G.Y., et al. Mol. Cell 25(5):663-675(2007)Wen, R., et al. Plant Mol. Biol. 61 (1-2), 241-253 (2006) :