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UBE2L6 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP2118b

Specification

UBE2L6 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O14933

UBE2L6 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 9246

Other Names
Ubiquitin/ISG15-conjugating enzyme E2 L6, Retinoic acid-induced gene B protein, RIG-B, UbcH8, Ubiquitin carrier protein L6, Ubiquitin-protein ligase L6, UBE2L6, UBCH8

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2118b was selected from the C-term region of human UBE2L6 . A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

UBE2L6 Antibody (C-term) Blocking Peptide - Protein Information

Name UBE2L6

Synonyms UBCH8

Function
Catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Promotes ubiquitination and subsequent proteasomal degradation of FLT3.

Tissue Location
Present in natural killer cells (at protein level).

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UBE2L6 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

UBE2L6 Antibody (C-term) Blocking Peptide - Images

UBE2L6 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 (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). UBE2L6 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is demonstrated to function in the E6/E6-ap-induced ubiquitination of p53.

UBE2L6 Antibody (C-term) Blocking Peptide - References

Kumar, S., et al., J. Biol. Chem. 272(21):13548-13554 (1997).Ardley, H.C., et al., Cytogenet. Cell Genet. 89 (1-2), 137-140 (2000).