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USP17L2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16721b

Specification

USP17L2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q6R6M4

USP17L2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 377630

Other Names
Ubiquitin carboxyl-terminal hydrolase 17, USP17, Deubiquitinating enzyme 17-like protein 2, Deubiquitinating protein 3, DUB-3, Ubiquitin carboxyl-terminal hydrolase 17-like protein 2, Ubiquitin thioesterase 17-like protein 2, Ubiquitin-specific-processing protease 17-like protein 2, USP17L2

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.

USP17L2 Antibody (C-term) Blocking Peptide - Protein Information

Name USP17L2

Function
Deubiquitinating enzyme that removes conjugated ubiquitin from specific proteins to regulate different cellular processes. Regulates cell proliferation by deubiquitinating and inhibiting RCE1 thereby controlling the small GTPases NRAS and HRAS localization and activation. In parallel, mediates deubiquitination of CDC25A, preventing CDC25A degradation by the proteasome during the G1/S and G2/M phases promoting cell-cycle progression. Also regulates cell proliferation and apoptosis through deubiquitination of SUDS3 a regulator of histone deacetylation. Through activation of the Rho family GTPases RAC1A, CDC42 and RHOA, regulates cell migration. Through the cleavage of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains of the cytoplasmic innate immune receptors RIGI and IFIH1 stimulates the cellular response to viral infection.

Cellular Location
Nucleus. Endoplasmic reticulum

Tissue Location
Broadly expressed..

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USP17L2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

USP17L2 Antibody (C-term) Blocking Peptide - Images

USP17L2 Antibody (C-term) Blocking Peptide - Background

DUB3 is a member of the ubiquitin processing protease(UBP) subfamily of deubiquitinating enzymes. See USP1 (MIM 603478)for background information.

USP17L2 Antibody (C-term) Blocking Peptide - References

Pereg, Y., et al. Nat. Cell Biol. 12(4):400-406(2010)Alkan, C., et al. Nat. Genet. 41(10):1061-1067(2009)Burrows, J.F., et al. J. Biol. Chem. 279(14):13993-14000(2004)