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RMND5A Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17828b

Specification

RMND5A Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9H871

RMND5A Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 64795

Other Names
Protein RMD5 homolog A, RMND5A

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.

RMND5A Antibody (C-term) Blocking Peptide - Protein Information

Name RMND5A

Function
Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. MAEA and RMND5A are both required for catalytic activity of the CTLH E3 ubiquitin-protein ligase complex (PubMed:29911972). Catalytic activity of the complex is required for normal cell proliferation (PubMed:29911972). The CTLH E3 ubiquitin- protein ligase complex is not required for the degradation of enzymes involved in gluconeogenesis, such as FBP1 (PubMed:29911972).

Cellular Location
Nucleus, nucleoplasm. Cytoplasm

RMND5A Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RMND5A Antibody (C-term) Blocking Peptide - Images

RMND5A Antibody (C-term) Blocking Peptide - Background

RMND5A contains one CTLH domain and one LisH domain. There are two isoforms.

RMND5A Antibody (C-term) Blocking Peptide - References

Kobayashi, N., et al. Gene 396(2):236-247(2007)Bowzard, J.B., et al. J. Biol. Chem. 282(24):17568-17580(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)Colland, F., et al. Genome Res. 14(7):1324-1332(2004)