

**RMND5B Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2798b****Specification**

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**RMND5B Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q96G75](#)**RMND5B Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 64777**Other Names**

Protein RMD5 homolog B, RMND5B

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2798b](/products/AP2798b) was selected from the C-term region of human RMND5B. 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.

**RMND5B Antibody (C-term) Blocking Peptide - Protein Information****Name** RMND5B**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](http://www.uniprot.org/citations/29911972)). Catalytic activity of the complex is required for normal cell proliferation (PubMed: [29911972](http://www.uniprot.org/citations/29911972)). The CTLH E3 ubiquitin-protein ligase complex is not required for the degradation of enzymes involved in gluconeogenesis, such as FBP1 (PubMed: [29911972](http://www.uniprot.org/citations/29911972)).

**Cellular Location**

Cytoplasm, cytosol.

**RMND5B Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**RMND5B Antibody (C-term) Blocking Peptide - Images****RMND5B Antibody (C-term) Blocking Peptide - References**

Pope,S.N., J. Steroid Biochem. Mol. Biol. 94 (1-3), 203-208 (2005)Colland,F., Genome Res. 14 (7), 1324-1332 (2004)