

**C5orf51 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17758b****Specification**

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**C5orf51 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [A6NDU8](#)

**C5orf51 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 285636

**Other Names**

UPF0600 protein C5orf51, C5orf51

**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.

**C5orf51 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** RIMOC1 ([HGNC:27750](#))

**Synonyms** C5orf51

**Function**

Plays an important role in the removal of damaged mitochondria via mitophagy by controlling the stability and localization of RAB7A. Required for the recruitment of RAB7A and ATG9A vesicles to damaged mitochondria and promotes the stability of RAB7A by inhibiting its proteasomal degradation during mitophagy.

**Cellular Location**

Cytoplasm, cytosol.

**C5orf51 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**C5orf51 Antibody (C-term) Blocking Peptide - Images**

**C5orf51 Antibody (C-term) Blocking Peptide - Background**

C5orf51 belongs to the UPF0600 family.

**C5orf51 Antibody (C-term) Blocking Peptide - References**

Schmutz, J., et al. Nature 431(7006):268-274(2004)