

**ARMC1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17956b****Specification**

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**ARMC1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9NVT9](#)

**ARMC1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 55156

**Other Names**

Armadillo repeat-containing protein 1, ARMC1, ARCP

**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.

**ARMC1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** ARMC1

**Synonyms** ARCP

**Function**

In association with mitochondrial contact site and cristae organizing system (MICOS) complex components and mitochondrial outer membrane sorting assembly machinery (SAM) complex components may regulate mitochondrial dynamics playing a role in determining mitochondrial length, distribution and motility.

**Cellular Location**

Cytoplasm. Mitochondrion. Mitochondrion outer membrane. Note=Associates with the outer mitochondrion membrane, most likely through its C-terminus (PubMed:31644573). Not integrated into the mitochondrial outer membrane (PubMed:31644573).

**ARMC1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **ARMC1 Antibody (C-term) Blocking Peptide - Images**

#### **ARMC1 Antibody (C-term) Blocking Peptide - Background**

ARMC1 contains an armadillo repeat. Armadillo repeat proteins contain tandem copies of a degenerate protein sequence motif that forms a conserved three-dimensional structure. Armadillo repeat proteins function in various processes, including intracellular signalling and cytoskeletal regulation. The specific function of ARMC1 is unknown.

#### **ARMC1 Antibody (C-term) Blocking Peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ;Lamesch, P., et al. Genomics 89(3):307-315(2007)