

**ABCF1 Antibody (C-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP9278b**Specification**

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**ABCF1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q8NE71](#)**ABCF1 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 23

**Other Names**

ATP-binding cassette sub-family F member 1, ATP-binding cassette 50, TNF-alpha-stimulated ABC protein, ABCF1, ABC50

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9278b](/products/AP9278b) was selected from the C-term region of human ABCF1. 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.

**ABCF1 Antibody (C-term) Blocking Peptide - Protein Information**

Name ABCF1

Synonyms ABC50

**Function**

Isoform 2 is required for efficient Cap- and IRES-mediated mRNA translation initiation. Isoform 2 is not involved in the ribosome biogenesis.

**Cellular Location**

[Isoform 2]: Cytoplasm. Nucleus, nucleoplasm. Nucleus envelope

**Tissue Location**

Ubiquitous..

### **ABCF1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **ABCF1 Antibody (C-term) Blocking Peptide - Images**

### **ABCF1 Antibody (C-term) Blocking Peptide - Background**

The protein is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC proteins are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the GCN20 subfamily. Unlike other members of the superfamily, this protein lacks the transmembrane domains which are characteristic of most ABC transporters. This protein may be regulated by tumor necrosis factor-alpha and play a role in enhancement of protein synthesis and the inflammation process.

### **ABCF1 Antibody (C-term) Blocking Peptide - References**

Barcellos,L.F., et.al., PLoS Genet. 5 (10), E1000696 (2009)Paytubi,S., et.al., J. Biol. Chem. 284 (36), 24061-24073 (2009)Saito,A., et.al., J. Hum. Genet. 54 (6), 317-323 (2009)