

MCFD2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP1478c**Specification**

MCFD2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8NI22](#)**MCFD2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 90411**Other Names**

Multiple coagulation factor deficiency protein 2, Neural stem cell-derived neuronal survival protein, MCFD2, SDNSF

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1478c](/product/products/AP1478c) was selected from the Center region of human MCFD2. 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.

MCFD2 Antibody (Center) Blocking Peptide - Protein Information**Name** MCFD2**Synonyms** SDNSF**Function**

The MCFD2-LMAN1 complex forms a specific cargo receptor for the ER-to-Golgi transport of selected proteins. Plays a role in the secretion of coagulation factors.

Cellular Location

Endoplasmic reticulum-Golgi intermediate compartment. Endoplasmic reticulum. Golgi apparatus

MCFD2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MCFD2 Antibody (Center) Blocking Peptide - Images

MCFD2 Antibody (Center) Blocking Peptide - Background

The MCFD2-LMAN1 complex forms a specific cargo receptor for the ER-to-Golgi transport of selected proteins. MCFD2 interacts in a calcium-dependent manner with LMAN1. Defects in MCFD2 are a cause of factor V and factor VIII combined deficiency (F5F8D); also known as multiple coagulation factor deficiency 2 (MCFD2). F5F8D is an autosomal recessive bleeding disorder characterized by coordinate reduction of both clotting proteins.

MCFD2 Antibody (Center) Blocking Peptide - References

Nyfeler,B., Traffic 7 (11), 1473-1481 (2006)Mohanty,D., Am. J. Hematol. 79 (4), 262-266 (2005)Zhang,B., J. Biol. Chem. 280 (27), 25881-25886 (2005)