

FA96B Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9370a**Specification**

FA96B Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y3D0](#)**FA96B Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 51647

Other Names

Mitotic spindle-associated MMXD complex subunit MIP18, MSS19-interacting protein of 18 kDa, Protein FAM96B, FAM96B, MIP18

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.

FA96B Antibody (N-term) Blocking Peptide - Protein InformationName CIAO2B ([HGNC:24261](#))**Function**

Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins (PubMed: [23891004](http://www.uniprot.org/citations/23891004), PubMed: [22678362](http://www.uniprot.org/citations/22678362), PubMed: [22678361](http://www.uniprot.org/citations/22678361), PubMed: [29848660](http://www.uniprot.org/citations/29848660)). As a CIA complex component and in collaboration with CIAO1 and MMS19, binds to and facilitates the assembly of most cytosolic-nuclear Fe/S proteins (PubMed: [23891004](http://www.uniprot.org/citations/23891004), PubMed: [29848660](http://www.uniprot.org/citations/29848660)). As part of the mitotic spindle-associated MMXD complex it plays a role in chromosome segregation, probably by facilitating iron-sulfur cluster assembly into ERCC2/XPD (PubMed: [20797633](http://www.uniprot.org/citations/20797633)). Together with MMS19, facilitates the transfer of Fe-S clusters to the motor protein KIF4A, which ensures proper localization of KIF4A to mitotic machinery components to promote the progression of mitosis (PubMed: [29848660](http://www.uniprot.org/citations/29848660)).

Cellular Location

Nucleus. Cytoplasm, cytoskeleton, spindle. Midbody Note=In mitosis, localizes to the spindle during metaphase and the spindle midbody during telophase (PubMed:29848660). Co-localizes with KIF4A to the spindle midzone and midbody during telophase and cytokinesis (PubMed:29848660).

FA96B Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FA96B Antibody (N-term) Blocking Peptide - Images**FA96B Antibody (N-term) Blocking Peptide - References**

Ewing,R.M. Mol. Syst. Biol. 3, 89 (2007)Wistow,G. Mol. Vis. 8, 171-184 (2002)