10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MYO19 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP11165c

Specification

MYO19 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q96H55

MYO19 Antibody (Center) Blocking peptide - Additional Information

Gene ID 80179

Other Names
Unconventional myosin-XIX, Myosin head domain-containing protein 1, MYO19, MYOHD1

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.

MYO19 Antibody (Center) Blocking peptide - Protein Information

Name MYO19 {ECO:0000303|PubMed:19932026, ECO:0000312|HGNC:HGNC:26234}

Function
Actin-based motor molecule with ATPase activity that localizes to the mitochondrion outer membrane (PubMed:19932026, PubMed:23568824, PubMed:25447992). Motor protein that moves towards the plus-end of actin filaments (By similarity). Required for mitochondrial inheritance during mitosis (PubMed:25447992). May be involved in mitochondrial transport or positioning (PubMed:23568824).

Cellular Location
Mitochondrion outer membrane; Peripheral membrane protein. Cytoplasm, cytoskeleton

Tissue Location
Widely expressed in multiple tissues and cell lines.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MYO19 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

MYO19 Antibody (Center) Blocking peptide - Images

MYO19 Antibody (Center) Blocking peptide - Background

Probable S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine at position 54 (M-5-U54) in all tRNA. May also have a role in tRNA stabilization or maturation (By similarity).

MYO19 Antibody (Center) Blocking peptide - References

Quintero, O.A., et al. Curr. Biol. 19(23):2008-2013(2009)Odronitz, F., et al. Genome Biol. 8 (9), R196 (2007) :