

C16orf55 Antibody (Center) Blocking peptide

Synthetic peptide Catalog # BP11522c

Specification

C16orf55 Antibody (Center) Blocking peptide - Product Information

Primary Accession <u>Q96N06</u>
Other Accession <u>NP 694570.1</u>

C16orf55 Antibody (Center) Blocking peptide - Additional Information

Gene ID 124045

Other Names

Spermatogenesis-associated protein 33, SPATA33, C16orf55

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.

C16orf55 Antibody (Center) Blocking peptide - Protein Information

Name SPATA33

Synonyms C16orf55

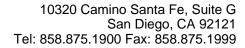
Function

Plays an important role in sperm motility and male fertility (By similarity). Required for sperm midpiece flexibility and for the localization of sperm calcineurin to the mitochondria (By similarity). Promotes mitophagy as well as acts as an autophagy mediator in male germline cells (By similarity). Links damaged mitochondria to autophagosomes via its binding to the outer mitochondrial membrane protein VDAC2, as well as to key autophagy machinery component ATG16L1 (By similarity).

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q8C624}. Nucleus {ECO:0000250|UniProtKB:Q8C624} Cytoplasm {ECO:0000250|UniProtKB:Q8C624}. Mitochondrion {ECO:0000250|UniProtKB:Q8C624}

C16orf55 Antibody (Center) Blocking peptide - Protocols





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

• Blocking Peptides

C16orf55 Antibody (Center) Blocking peptide - Images