

**C16orf55 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11522c****Specification**

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**C16orf55 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [O96N06](#)  
Other Accession [NP\\_694570.1](#)

**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**