

**SPAT5 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5579b****Specification**

---

**SPAT5 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q8NB90](#)  
Other Accession [NP\\_660208.2](#)

**SPAT5 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 166378

**Other Names**

Spermatogenesis-associated protein 5, ATPase family protein 2 homolog,  
Spermatogenesis-associated factor protein, SPATA5, AFG2, SPAF

**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.

**SPAT5 Antibody (C-term) Blocking peptide - Protein Information**

**Name** AFG2A ([HGNC:18119](#))

**Function**

ATP-dependent chaperone, which plays an essential role in the cytoplasmic maturation steps of pre-60S ribosomal particles by promoting the release of shuttling protein RSL24D1/RLP24 from the pre- ribosomal particles (PubMed:<a href="http://www.uniprot.org/citations/35354024" target="\_blank">35354024</a>). Acts together with AFG2B, AIRIM and CINP (PubMed:<a href="http://www.uniprot.org/citations/35354024" target="\_blank">35354024</a>). May be involved in morphological and functional mitochondrial transformations during spermatogenesis (By similarity).

**Cellular Location**

Cytoplasm. Mitochondrion {ECO:0000250|UniProtKB:Q3UMC0}. Cytoplasm, cytoskeleton, spindle

**SPAT5 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SPAT5 Antibody (C-term) Blocking peptide - Images****SPAT5 Antibody (C-term) Blocking peptide - Background**

SPATA5 may be involved in morphological and functional mitochondrial transformations during spermatogenesis.

**SPAT5 Antibody (C-term) Blocking peptide - References**

Katoh, Y., et al. Int. J. Mol. Med. 17(3):529-532(2006)Liu, Y., et al. Oncogene 19(12):1579-1588(2000)