

SPG16 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5274c**Specification**

SPG16 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q8N0X2](#)**SPG16 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 79582**Other Names**

Sperm-associated antigen 16 protein, Pf20 protein homolog, SPAG16, PF20

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.

SPG16 Antibody (Center) Blocking peptide - Protein Information**Name** SPAG16**Synonyms** PF20**Function**

Necessary for sperm flagellar function. Plays a role in motile ciliogenesis. May help to recruit STK36 to the cilium or apical surface of the cell to initiate subsequent steps of construction of the central pair apparatus of motile cilia (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8K450}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q8K450}. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:Q8K450}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q8K450}. Note=Detected on the sperm flagellum axoneme. Detected in the central apparatus of the axoneme. Colocalizes with SPAG6 on microtubules (By similarity) {ECO:0000250|UniProtKB:Q8K450}

Tissue Location

Isoform 1 is detected in testis. Isoform 4 is detected in testis and brain, and at lower levels in kidney, heart, pancreas, thyroid, ovary, adrenal gland, spinal cord, trachea and liver.

SPG16 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SPG16 Antibody (Center) Blocking peptide - Images