

SPAG6 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20398b

Specification

SPAG6 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O75602
Other Accession	Q9JLI7
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55476
Antigen Region	422-448

SPAG6 Antibody (C-term) - Additional Information

Gene ID 9576

Other Names

Sperm-associated antigen 6, Protein PF16 homolog, Repro-SA-1, Sperm flagellar protein, SPAG6, PF16

Target/Specificity

This SPAG6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 422-448 amino acids from the C-terminal region of human SPAG6.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SPAG6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SPAG6 Antibody (C-term) - Protein Information

Name SPAG6

Synonyms PF16

Function Important for structural integrity of the central apparatus in the sperm tail and for flagellar motility.

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, cilium, flagellum. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:Q9JLI7}. Note=Associated with microtubules Detected on the sperm flagellum (PubMed:10493827). Localizes in the cilium axoneme in a SPEF1-dependent manner (By similarity) {ECO:0000250|UniProtKB:Q9JLI7, ECO:0000269|PubMed:10493827}

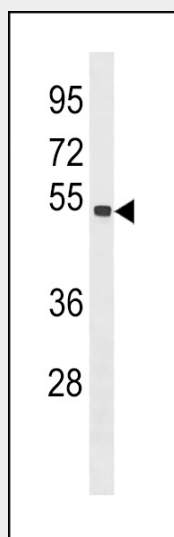
Tissue Location

Highly expressed in testis.

SPAG6 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SPAG6 Antibody (C-term) - Images

SPAG6 Antibody (C-term) (Cat. #AP20398b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the SPAG6 antibody detected the SPAG6 protein (arrow).

SPAG6 Antibody (C-term) - Background

Important for structural integrity of the central apparatus in the sperm tail and for flagellar motility (By similarity).

SPAG6 Antibody (C-term) - Citations

- [Transient scrotal hyperthermia affects human sperm DNA integrity, sperm apoptosis, and sperm protein expression.](#)