

SPATC1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10622a

Specification

SPATC1 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q76KD6
Other Accession	Q148B6 , NP_001127846.1 , NP_940974.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1-30

SPATC1 Antibody (N-term) - Additional Information

Gene ID 375686

Other Names

Sperlin, Spermatogenesis and centriole-associated protein 1, Spermatogenesis-associated protein 15, Spermatogenic cell-specific Cdc20-binding protein, SPATC1, SPATA15, SPRN

Target/Specificity

This SPATC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SPATC1.

Dilution

WB~~1:1000
IHC-P~~1:50~100

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

SPATC1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SPATC1 Antibody (N-term) - Protein Information

Name SPATC1

Synonyms SPATA15, SPRN

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Colocalizes with the centrosomal pericentrin protein PCNT1 (By similarity). Located in the connecting piece of sperm. {ECO:0000250, ECO:0000269|PubMed:20542897}

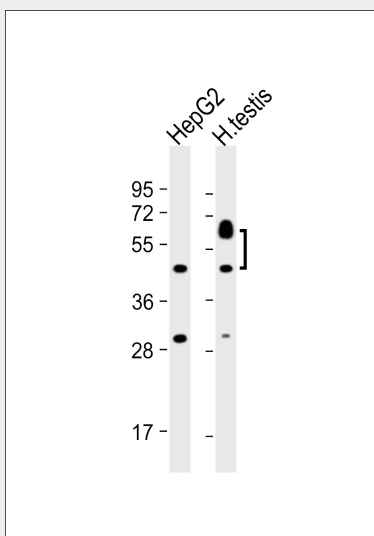
Tissue Location

Detected only in testis.

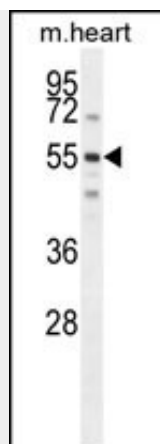
SPATC1 Antibody (N-term) - Protocols

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

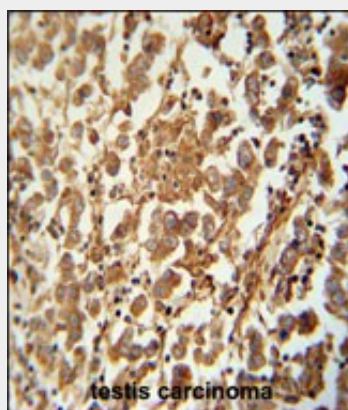
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SPATC1 Antibody (N-term) - Images

All lanes : Anti-SPATC1 Antibody (N-term) at 1:1000 dilution Lane 1: HepG2 whole cell lysate Lane 2: human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 62kDa Blocking/Dilution buffer: 5% NFDM/TBST.



SPATC1 Antibody (N-term) (Cat. #AP10622a) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the SPATC1 antibody detected the SPATC1 protein (arrow).



SPATC1 antibody (N-term) (Cat. #AP10622a) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SPATC1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

SPATC1 Antibody (N-term) - References

Goto, M., et al. Hum. Reprod. 25(8):1884-1894(2010)
Goto, M., et al. J. Biol. Chem. 279(40):42128-42138(2004)

SPATC1 Antibody (N-term) - Citations

- [Alteration of sperm protein profile induced by cigarette smoking.](#)