

SPATA19 Antibody (N-Terminus)
Chicken Polyclonal Antibody
Catalog # ALS16620**Specification**

SPATA19 Antibody (N-Terminus) - Product Information

Application	IHC, WB
Primary Accession	Q7Z5L4
Other Accession	219938
Reactivity	Human, Mouse, Rat
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Calculated MW	19186

SPATA19 Antibody (N-Terminus) - Additional Information**Gene ID** 219938**Other Names**

SPATA19, Cancer/testis antigen 132, CT132, Spergen1, Spermatogenesis associated 19, SPAS1, Spermatogenic specific-gene1, Spergen 1, Spergen-1

Target/Specificity

Human SPATA19. At least two isoforms of SPATA19 are known to exist; this antibody will detect both isoforms. SPATA19 antibody is predicted to not cross-react with other SPATA family members.

Reconstitution & Storage

PBS, 0.02% sodium azide. Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

SPATA19 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SPATA19 Antibody (N-Terminus) - Protein Information**Name** SPATA19**Synonyms** SPERGEN1**Function**

Essential for sperm motility and male fertility (By similarity). Plays an important role in sperm motility by regulating the organization and function of the mitochondria and is also required for correct sperm midpiece assembly (By similarity).

Cellular Location

Mitochondrion outer membrane {ECO:0000250|UniProtKB:Q9DAQ9}. Mitochondrion

{ECO:0000250|UniProtKB:Q9DAQ9}. Cell projection, cilium, flagellum
{ECO:0000250|UniProtKB:Q9DAQ9}. Note=Localizes to the midpiece of the sperm flagellum.
{ECO:0000250|UniProtKB:Q9DAQ9}

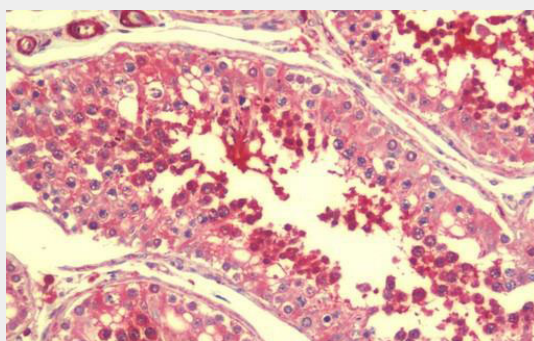
Tissue Location

Expressed specifically in testis.

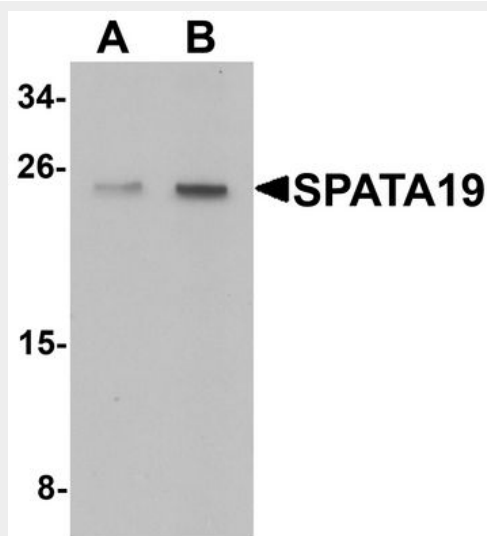
SPATA19 Antibody (N-Terminus) - Protocols

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](#)

SPATA19 Antibody (N-Terminus) - Images

Anti-SPATA19 antibody IHC staining of human testis.



Western blot analysis of SPATA19 in rat lung tissue lysate with SPATA19 antibody at (A) 1 and...

SPATA19 Antibody (N-Terminus) - Background

May have a role in spermiogenesis.

SPATA19 Antibody (N-Terminus) - References

Miyamoto T., et al. J. Assist. Reprod. Genet. 20:101-104(2003).
Ota T., et al. Nat. Genet. 36:40-45(2004).