

SPATA3 Antibody
Catalog # ASC11394**Specification**

SPATA3 Antibody - Product Information

Application	WB, IHC, IF
Primary Accession	Q8NHX4
Other Accession	NP_620712 , 31712020
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	SPATA3 antibody can be used for detection of SPATA3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

SPATA3 Antibody - Additional InformationGene ID **130560****Target/Specificity**

SPATA3; At least three isoforms of SPATA3 are known to exist; this antibody will detect only the longest two isoforms. SPATA3 antibody is predicted to not cross-react with SPATA protein family members

Reconstitution & Storage

SPATA3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions

SPATA3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

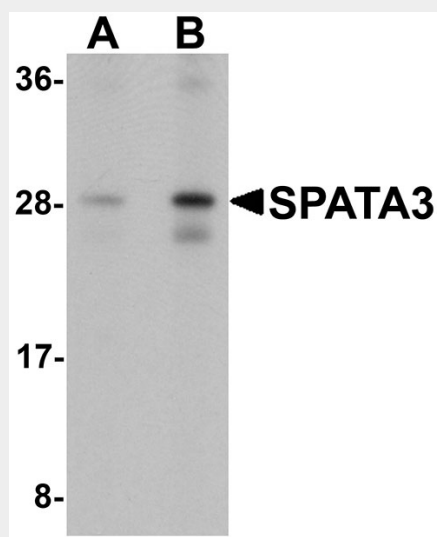
SPATA3 Antibody - Protein Information**Name** SPATA3**Synonyms** TSARG1**SPATA3 Antibody - Protocols**

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

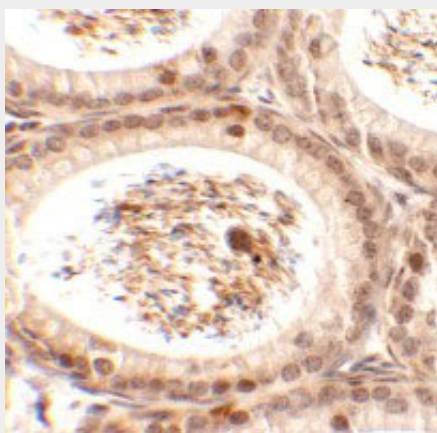
- [Western Blot](#)

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

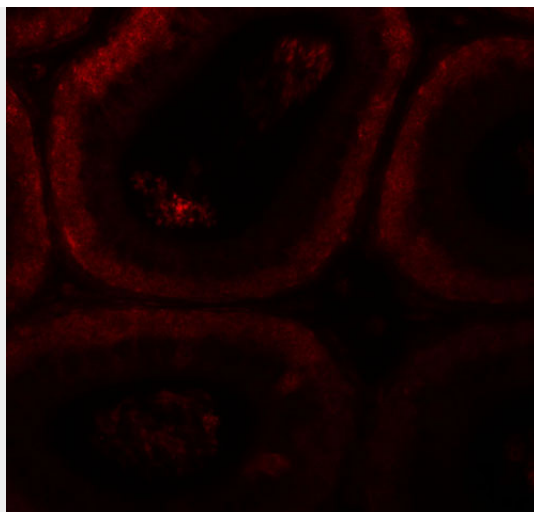
SPATA3 Antibody - Images



Western blot analysis of SPATA3 in mouse lung tissue lysate with SPATA3 antibody at (A) 1 and (B) 2 μ g/mL.



Immunohistochemistry of SPATA3 in mouse testis tissue with SPATA3 antibody at 2.5 μ g/mL.



Immunofluorescence of SPATA3 in mouse testis tissue with SPATA3 antibody at 20 µg/mL.

SPATA3 Antibody - Background

SPATA3 Antibody: The testis and spermatogenesis cell apoptosis related gene 1 (TSARG1) protein, also known as SPATA3, is highly expressed in testis, and to a lower extent in other tissues. SPATA3 contains a highly conserved J domain, which is present in all DnaJ-like proteins, and is thus a novel member of the HSP40 protein family. SPATA3 is thought to be involved in apoptosis of spermatogenic cells.

SPATA3 Antibody - References

Fu JJ, Lu GX, Li LY, et al. Molecular cloning for testis spermatogenesis cell apoptosis related gene TSARG1 and Mtsarg1 and expression analysis for Mtsarg1 gene. *Yi Chuan Xue Bao* 2003; 30:25-9.
Yang HM, Liu G, Nie ZY, et al. Molecular cloning of a novel rat gene Tsarg1, a member of the DnaJ/HSP40 protein family. *DNA Seq.* 2005; 16:166-72.