

Rabbit anti-Human, Mouse SPATA4 Polyclonal Antibody | anti-SPATA4 antibody

SPATA4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39453	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

SPATA4; Polyclonal Antibody; SPATA4 Antibody; SPEF1B; TSARG2; Spermatogenesis-associated protein 4; Testis and spermatogenesis cell-related protein 2; spermatogenesis associated 4; anti-SPATA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of SPATA4 are known to exist; this antibody will detect both isoforms. SPATA4 antibody is predicted to not cross-react with SPATA protein family members
Purity/Purification	SPATA4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	305
Applicable Applications for anti-SPATA4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SPATA4 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SPATA4.
Buffer	SPATA4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SPATA4 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of SPATA4 in mouse testis tissue with SPATA4 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of SPATA4 in mouse testis tissue with SPATA4 antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of SPATA4 in mouse stomach tissue lysate with SPATA4 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SPATA4 antibody

SPATA4 Antibody: The spermatogenesis associated protein 4 (SPATA4) protein, also known as TSARG1, is highly expressed in testis, and to a much lower extent in other tissues. SPATA4 contains a highly conserved DUF1042 domain, but no significant homology with any other known protein. SPATA4 is thought to play an important role in the development of cryptorchid testis and is a testis-specific apoptosis candidate oncogene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543825
NCBI GeneID	132851
NCBI Accession #	NP_653245
NCBI GenBank Nucleotide #	NM_144644.3
UniProt Accession #	Q8NEY3; Q8NCS5; Q8WW15
Molecular Weight	34,751 Da
NCBI Official Full Name	spermatogenesis-associated protein 4
NCBI Official Synonym Full Names	spermatogenesis associated 4
NCBI Official Symbol	SPATA4
NCBI Official Synonym Symbols	SPEF1B; TSARG2
NCBI Protein Information	spermatogenesis-associated protein 4; testis and spermatogenesis cell related protein 2; testis and spermatogenesis cell-related protein 2; testis spermatocyte apoptosis-related gene 2 protein
UniProt Protein Name	Spermatogenesis-associated protein 4
UniProt Gene Name	SPATA4
UniProt Synonym Gene Names	TSARG2
UniProt Entry Name	SPAT4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/spata4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39453>