

Rabbit SPATA6 Polyclonal Antibody | anti-SPATA6 antibody

SPATA6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40239	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

SPATA6; Polyclonal Antibody; SPATA6 Antibody; HASH; SRF1; SRF-1; Spermatogenesis-associated protein 6; spermatogenesis associated 6; anti-SPATA6 antibody

PRODUCT SPECIFICATIONS

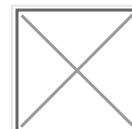
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of SPATA6 are known to exist; this antibody will detect only the longest two isoforms. SPATA6 antibody is predicted to not cross-react with other SPATA protein family members.
Purity/Purification	SPATA6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	488
Applicable Applications for anti-SPATA6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SPATA6 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human SPATA6.
Buffer	SPATA6 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SPATA6 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 SPATA6 in mouse testis tissue with SPATA6 antibody at 2.5 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of SPATA6 in mouse testis tissue with SPATA6 antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of SPATA6 in A20 cell lysate with SPATA6 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SPATA6 antibody

SPATA6 Antibody: The development of spermatogonial stem cells into spermatozoa, i.e., spermatogenesis, is a highly ordered process that requires multiple proteins, including some that are testis-specific or testis-specific isoforms of genes that are expressed in other tissues. One such protein is SPATA6: while its full-length isoform is expressed in multiple tissues including thymus, brain and testis, the shorter isoform is expressed only in testis. It has some homology to the motor domain of kinesin related proteins and with the C. elegans neural calcium sensor protein NCS-2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506603
NCBI GeneID	54558
NCBI Accession #	NP_061946
NCBI GenBank Nucleotide #	NM_019073.3
UniProt Accession #	Q9NWH7; Q5T3N7; Q8WUE6
Molecular Weight	54,049 Da
NCBI Official Full Name	spermatogenesis-associated protein 6 isoform 1
NCBI Official Synonym Full Names	spermatogenesis associated 6
NCBI Official Symbol	SPATA6
NCBI Official Synonym Symbols	HASH; SRF1; SRF-1
NCBI Protein Information	spermatogenesis-associated protein 6; spermatogenesis-related factor-1
UniProt Protein Name	Spermatogenesis-associated protein 6
UniProt Gene Name	SPATA6
UniProt Entry Name	SPAT6_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/spata6-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40239>