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Datasheet for ABIN6991601  
**anti-SPATA3 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	SPATA3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPATA3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

Immunogen:	SPATA3 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human SPATA3. The immunogen is located within the last 50 amino acids of SPATA3.
Isotype:	IgG
Specificity:	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
Purification:	SPATA3 Antibody is affinity chromatography purified via peptide column.

## Target Details

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Target:	SPATA3
Alternative Name:	SPATA3 ( <a href="#">SPATA3 Products</a> )
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.
Molecular Weight:	Predicted: 21 kDa Observed: 26 kDa
Gene ID:	130560
NCBI Accession:	<a href="#">NP_620712</a>
UniProt:	<a href="#">Q8NHX4</a>

## Application Details

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Application Notes:	SPATA3 antibody can be used for detection of SPATA3 by Western blot at 1 - 2 $\mu$ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 $\mu$ g/mL. For immunofluorescence start at 20 $\mu$ g/mL.  Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SPATA3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

## Handling

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Storage Comment: 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.