

**Goat Anti-TSGA2 Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2120a****Specification**

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**Goat Anti-TSGA2 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q8WYR4</a>
Other Accession	<a href="#">NP_543136</a> , <a href="#">89765</a>
Reactivity	Mouse
Predicted	Human, Rat, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	35124

**Goat Anti-TSGA2 Antibody - Additional Information****Gene ID** 89765**Other Names**

Radial spoke head 1 homolog, Cancer/testis antigen 79, CT79, Male meiotic metaphase chromosome-associated acidic protein, Meichroacidin, Testis-specific gene A2 protein, RSPH1, TSA2, TSGA2

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-TSGA2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-TSGA2 Antibody - Protein Information****Name** RSPH1**Synonyms** TSA2, TSGA2**Function**

Functions as part of axonemal radial spoke complexes that play an important part in the motility of sperm and cilia.

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q8VIG3}. Chromosome {ECO:0000250|UniProtKB:Q8VIG3}. Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q8VIG3}. Note=Cytoplasmic in late spermatocytes, secondary spermatocytes and round spermatids Gathered around metaphase chromosomes during meiotic divisions {ECO:0000250|UniProtKB:Q8VIG3}

**Tissue Location**

Expressed in trachea, lungs, airway brushings, and testes.

**Goat Anti-TSGA2 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](#)

**Goat Anti-TSGA2 Antibody - Images**

AF2120a (0.1 µg/ml) staining of Mouse Testis lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Goat Anti-TSGA2 Antibody - References**

Radial spoke protein 44 (human meichroacidin) is an axonemal alloantigen of sperm and cilia. Shetty J, et al. Gene, 2007 Jul 1. PMID 17451891.  
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Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.  
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