

Goat Anti-TSGA2 Antibody

Peptide-affinity purified goat antibody Catalog # AF2120a

Specification

Goat Anti-TSGA2 Antibody - Product Information

Application WB

Primary Accession <u>Q8WYR4</u>

Other Accession <u>NP_543136</u>, <u>89765</u>

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 lgG/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

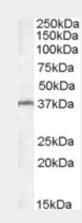
Expressed in trachea, lungs, airway brushings, and testes.

Goat Anti-TSGA2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Goat Anti-TSGA2 Antibody - Images



AF2120a (0.1 μ g/ml) staining of Mouse Testis lysate (35 μ g 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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