

# TSARG2/SPATA4 Rabbit pAb

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Catalog # AP54449

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8NEY3</a>
<b>Reactivity</b>	Mouse
<b>Predicted</b>	Human, Rat, Dog, Pig, Rabbit
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	34751
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human TSARG2
<b>Epitope Specificity</b>	101-200/305
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	The testis spermatocyte apoptosis-related gene 2 protein (TSARG2, also designated spermatogenesis associated-4 or SPATA4) is involved in spermatogenesis. TSARG2 is specifically expressed in spermatogonia and spermatocytes of the seminiferous tubules, and it localizes to the nucleus. The predicted molecular weight of TSARG2 ranges depending on the species. TSARG2 is significantly upregulated in cryptorchidism and therefore, is a testis-specific apoptosis candidate oncogene.

## Additional Information

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<b>Gene ID</b>	132851
<b>Other Names</b>	Spermatogenesis-associated protein 4, Testis and spermatogenesis cell-related protein 2, Testis spermatocyte apoptosis-related gene 2 protein, SPATA4, TSARG2
<b>Target/Specificity</b>	Widely expressed.
<b>Dilution</b>	WB=1:500-2000
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	SPATA4
<b>Synonyms</b>	TSARG2
<b>Function</b>	May play a role in apoptosis regulation.
<b>Cellular Location</b>	Nucleus.

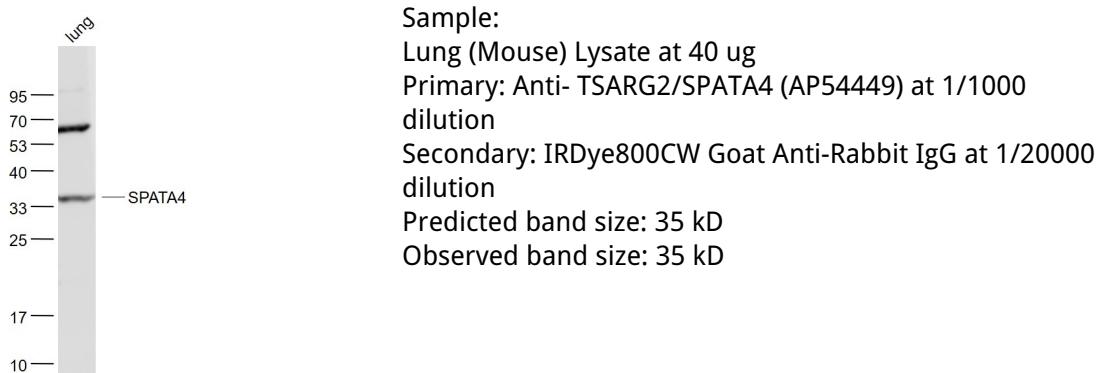
## Background

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The testis spermatocyte apoptosis-related gene 2 protein (TSARG2, also designated spermatogenesis associated-4 or SPATA4) is involved in spermatogenesis. TSARG2 is specifically expressed in spermatogonia and spermatocytes of the seminiferous tubules, and it localizes to the nucleus. The predicted molecular weight of TSARG2 ranges depending on the species. TSARG2 is significantly upregulated in cryptorchidism and therefore, is a testis-specific apoptosis candidate oncogene.

## Images

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