

Product datasheet for TA322067S

SPATA17 Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

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Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human liver cancer tissue IHC: 10-50 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 300 amino acids of human spermatogenesis associated 17
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	spermatogenesis associated 17
Database Link:	<u>NP_620151</u> <u>Entrez Gene 128153 Human</u> Q96L03



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GRIGENE SPATA17 Rabbit Polyclonal Antibody – TA322067S

Background:Spata17?gene, which called MSRG11, by digital differential display of ESTs found only in
testis. The deduced 292-amino acid protein was considered to be a member of the family of
calmodulin (CaM)-binding proteins because it contained 3 short CaM-binding motifs
containing conserved ile and gln residues (IQ motif). Spata17 protein was most abundant in
the cytoplasm of round spermatids and elongating spermatids within seminiferous tubules of
the adult testis. Expression gradually decreased in the manipulated testis of animals that
underwent experimental unilateral cryptorchidism. Transient transfection experiments with a
Spata17 expression construct in cultured spermatogonia GC-1 cells indicated that Spata17
accelerated apoptosis in a dose-dependent manner.

Synonyms: IQCH; MSRG-11; MSRG11

Product images:



Gel: 10%SDS-PAGE Lysate: 40 µg Lane: Human liver cancer tissue Primary antibody: [TA322067] (SPATA17 Antibody) at dilution 1/200 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 10 minutes



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA322067] (SPATA17 Antibody) at dilution 1/15 (Original magnification: ×200)

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Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA322067] (SPATA17 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA322067] (SPATA17 Antibody) at dilution 1/15 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA322067] (SPATA17 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: ×200)

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