

## Product datasheet for **TA322068**

### SPATA17 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human liver cancer tissue IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 300 amino acids of human spermatogenesis associated 17
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
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:	<a href="#">NP_620151</a> <a href="#">Entrez Gene 128153 Human</a> <a href="#">Q96L03</a>



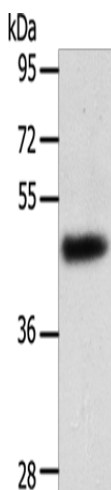
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**Background:**

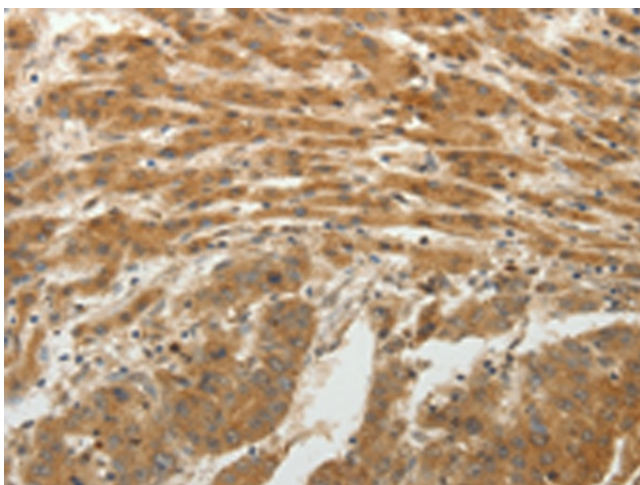
Spata17 gene, which called MSRG11, by digital differential display of ESTs found only in testis. The deduced 292-amino acid protein was considered to be a member of the family of calmodulin (CaM)-binding proteins because it contained 3 short CaM-binding motifs containing conserved ile and gln residues (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:**

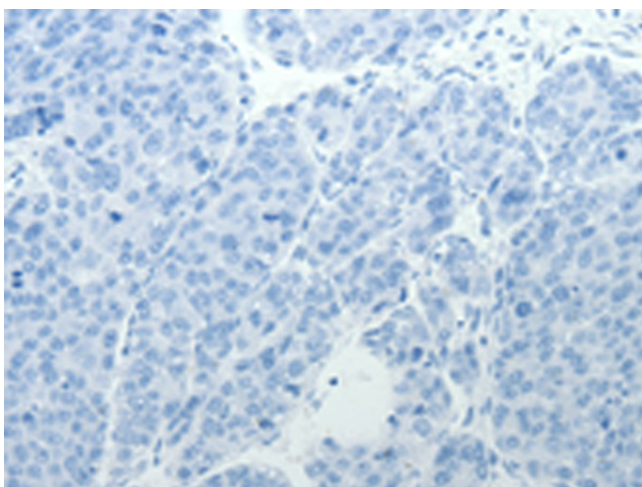
IQCH; MSRG-11; MSRG11

**Product images:**


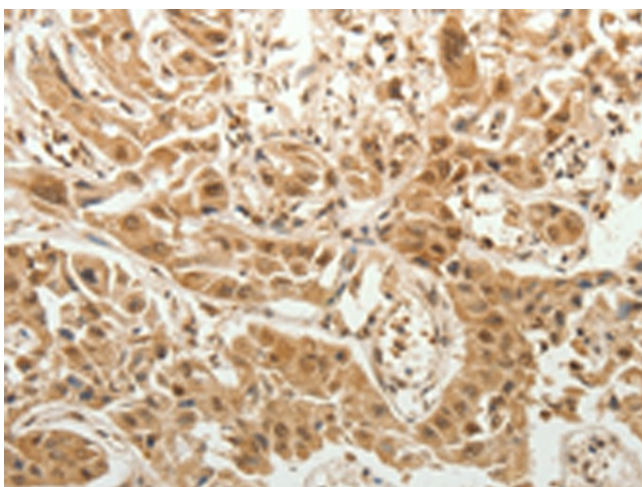
Gel: 10%SDS-PAGE  
Lysate: 40 µg  
Lane: Human liver cancer tissue  
Primary antibody: TA322068 (SPATA17 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute



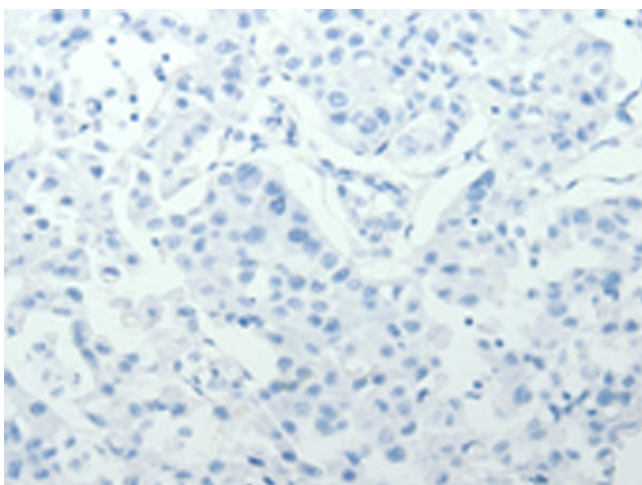
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322068 (SPATA17 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322068 (SPATA17 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322068 (SPATA17 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322068 (SPATA17 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)