

#### OriGene Technologies, Inc.

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# Product datasheet for TA344246

### **SPATA16 Rabbit Polyclonal Antibody**

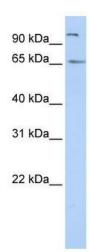
### **Product data:**

| Product Type:           | Primary Antibodies  |
|-------------------------|---|
| Applications:           | WB  |
| Recommended Dilution:   | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| lsotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen for anti-SPATA16 antibody: synthetic peptide directed towards the N<br>terminal of human SPATA16. Synthetic peptide located within the following region:<br>MDAGSSRSLENAVNRIYHDQLVPKINTSKKMSTLAHPPNILEMSQEIKKN  |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.   |
| Purification:           | Affinity Purified   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 63 kDa  |
| Gene Name:              | spermatogenesis associated 16   |
| Database Link:          | <u>NP_114161</u><br><u>Entrez Gene 83893 Human</u><br><u>Q9BXB7</u>   |
| Background:             | SPATA16 is involved in the formation of sperm acrosome, which implicated its potential role in spermatogenesis and sperm-egg fusion. Defects in SPATA16 are a cause of globozoospermia; also called Round-headed spermatozoa. |
| Synonyms:               | NYD-SP12; SPGF6   |
| Note:                   | Immunogen Sequence Homology: Human: 100%; Horse: 77%  |



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## **Product images:**



WB Suggested Anti-SPATA16 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: HepG2 cell lysate

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