

## Product datasheet for **TA346430**

### Follistatin (FST) Rabbit Polyclonal Antibody

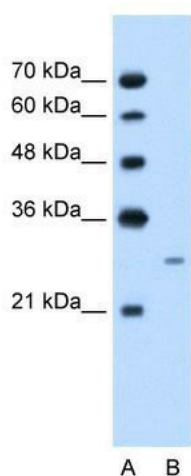
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen for anti-FST antibody: synthetic peptide directed towards the C terminal of human FST. Synthetic peptide located within the following region:<br>SLCDELCPDSKSDEPVCASDNATYASECAMKEAACSSGVLLVKGHSGSCN |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i>                           |
| Purification:           | Protein A Purified  |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 35 kDa  |
| Gene Name:              | follistatin   |
| Database Link:          | <a href="#">NP_006341</a><br><a href="#">Entrez Gene 10468 Human P19883</a>   |



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|--------------------------|---|
| <b>Background:</b>       | Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating hormone release. Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating hormone release. The single FST gene encodes two isoforms, FST317 and FST344 containing 317 and 344 amino acids respectively, resulting from alternative splicing of the precursor mRNA. In a study in which 37 candidate genes were tested for linkage and association with polycystic ovary syndrome (PCOS) or hyperandrogenemia in 150 families, evidence was found for linkage between PCOS and follistatin. |
| <b>Synonyms:</b>         | FS  |
| <b>Note:</b>             | Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%  |
| <b>Protein Families:</b> | Druggable Genome, Secreted Protein  |
| <b>Protein Pathways:</b> | TGF-beta signaling pathway  |

**Product images:**

WB Suggested Anti-FST Antibody Titration: 2.5 ug/ml; Positive Control: Jurkat cell lysate