

## Product datasheet for **TA362352**

### TDRKH Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen is a synthetic peptide directed towards the C terminal region of human TDRKH  |
| Specificity:            | <b>Expected reactivity:</b> Human   |
| 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> |
| Concentration:          | lot specific  |
| Purification:           | Affinity purified   |
| Conjugation:            | Unconjugated  |
| Storage:                | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.   |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | 62 kDa  |
| Gene Name:              | tudor and KH domain containing  |
| Database Link:          | <a href="#">NP_001077432.1</a><br><a href="#">Entrez Gene 11022 Human</a><br><a href="#">Q9Y2W6</a>   |



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**Background:**

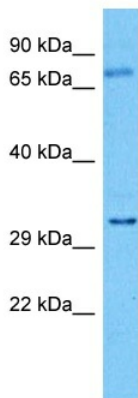
Participates in the primary piRNA biogenesis pathway and is required during spermatogenesis to repress transposable elements and prevent their mobilization, which is essential for the germline integrity. The piRNA metabolic process mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and govern the methylation and subsequent repression of transposons. Required for the final steps of primary piRNA biogenesis by participating in the processing of 31-37 nt intermediates into mature piRNAs. May act in pi-bodies and piP-bodies by transferring piRNA precursors or intermediates to or between these granules.

**Synonyms:**

TDRD2

**Protein Families:**

Transmembrane

**Product images:**

Host: Rabbit  
Target Name: TDRKH  
Sample Type: THP-1 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: TDRKH  
Sample Tissue: Human THP-1 Whole Cell lysates  
Antibody Dilution: 1 ug/ml