

# TDRG1 Antibody

Catalog # ASC11578

## Product Information

---

|                              |                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------|
| <b>Application</b>           | WB, E                                                                                  |
| <b>Primary Accession</b>     | <a href="#">Q3Y452</a>                                                                 |
| <b>Other Accession</b>       | <a href="#">AAZ82017</a> , <a href="#">73745862</a>                                    |
| <b>Reactivity</b>            | Human                                                                                  |
| <b>Host</b>                  | Rabbit                                                                                 |
| <b>Clonality</b>             | Polyclonal                                                                             |
| <b>Isotype</b>               | IgG                                                                                    |
| <b>Calculated MW</b>         | 10472                                                                                  |
| <b>Concentration (mg/ml)</b> | 1 mg/mL                                                                                |
| <b>Conjugate</b>             | Unconjugated                                                                           |
| <b>Application Notes</b>     | TDRG1 antibody can be used for detection of TDRG1 by Western blot at 1 - 2 $\mu$ g/mL. |

## Additional Information

---

|                                     |                                                                                                                                                                                                                                               |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Other Names</b>                  | Testis development-related protein 1, TDRG1                                                                                                                                                                                                   |
| <b>Target/Specificity</b>           | TDRG1; TDRG1 antibody is human reactive.                                                                                                                                                                                                      |
| <b>Reconstitution &amp; Storage</b> | TDRG1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| <b>Precautions</b>                  | TDRG1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                                                              |

## Protein Information

---

|                          |                                                                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | TDRG1                                                                                                                                                                    |
| <b>Cellular Location</b> | Cytoplasm.                                                                                                                                                               |
| <b>Tissue Location</b>   | Expressed in the testis but not in any other non- reproductive tissues (at protein level). Mainly located in spermatogenic cells in seminiferous tubules of adult testis |

## Background

---

TDRG1 Antibody: The Testis development related protein 1 (TDRG1) is thought to be a testis-specific, developmentally regulated gene. TDRG1 is expressed in mainly in spermatogenic cells in seminiferous

tubules of the adult testis, but is not detected in fetal testis. While little is known of the function of TDRG1, it has been postulated to play an important role in human spermatogenesis.

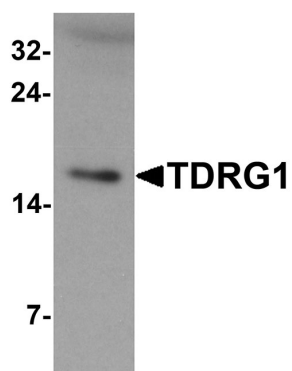
## References

---

Jiang X, Li D, Yang J, et al. Characterization of a novel human testis-specific gene: testis developmental related gene 1 (TDRG1). *Tohoku J. Exp. Med.* 2011; 225:311-8.

## Images

---



Western blot analysis of TDRG1 in human testis tissue lysate with TDRG1 antibody at 1  $\mu$ g/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.