

**TDRKH Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5917a****Specification**

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**TDRKH Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O9Y2W6](#)  
Other Accession [NP\\_006853.2](#), [NP\\_001077432.1](#),  
[NP\\_001077434.1](#)

**TDRKH Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 11022

**Other Names**

Tudor and KH domain-containing protein, Tudor domain-containing protein 2, TDRKH, TDRD2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TDRKH Antibody (N-term) Blocking peptide - Protein Information**

**Name** TDRKH

**Synonyms** TDRD2

**Function**

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.

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q80VL1}. Mitochondrion {ECO:0000250|UniProtKB:Q80VL1}. Note=Probable component of the meiotic nuage, also named P granule, a germ-cell-specific organelle required to repress transposon activity during meiosis Colocalizes with pi- and piP-bodies, a subset of the nuage which contains secondary piRNAs. Associated with mitochondria

in the germline. {ECO:0000250|UniProtKB:Q80VL1}

### **TDRKH Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **TDRKH Antibody (N-term) Blocking peptide - Images**