

# Anti-PIWIL3 [Z83]

**Catalogue number:** 153471

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Ayham Alnabulsi

**Institute:** Vertebrate Antibodies Limited

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-PIWIL3 [Z83]

**Alternate name:** Anti-PIWIL3 antibody, HIWI3 antibody, Piwi like 3 antibody, PIWL3\_HUMAN antibody

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** PIWIL3 may play a role during spermatogenesis by repressing transposable elements and preventing their mobilization, which is essential for the germline integrity. PIWIL3 acts via the piRNA metabolic process, which 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. PIWIL3 directly binds piRNAs, a class of 24 to 30 nucleotide RNAs that are generated by a D...

**Purpose:** Marker

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Ovalbumin-conjugated synthetic peptide PNRSLSTRLFYL- peptide immunogen is identical in primates

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** IHC- formalin-fixed, paraffin-embedded multi tumour tissue microarray;  
Western Blot - Jurkat and Hela cell lysates

**Bacterial resistance:****Selectable markers:****Additional notes:**

## Target details

**Target:** Piwi Like RNA-Mediated Gene Silencing 3

**Target alternate names:**

**Target background:** PIWIL3 may play a role during spermatogenesis by repressing transposable elements and preventing their mobilization, which is essential for the germline integrity. PIWIL3 acts via the piRNA metabolic process, which 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. PIWIL3 directly binds piRNAs, a class of 24 to 30 nucleotide RNAs that are generated by a D...

**Molecular weight:****Ic50:**

## Applications

**Application:** ELISA ; IHC ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:**

CancerTools.org