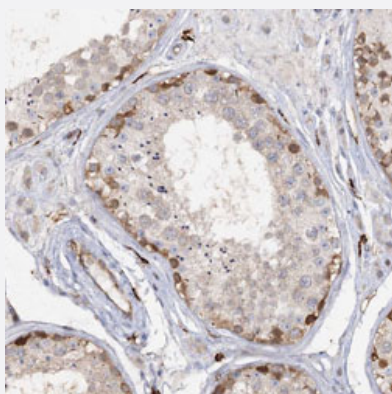


# PIWIL4 polyclonal antibody

Catalog # PAB31200      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with PIWIL4 polyclonal antibody (Cat # PAB31200) shows distinct cytoplasmic positivity in seminiferous duct cells.

## Specification

|                            |                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against partial recombinant human PIWIL4.                                                                               |
| <b>Immunogen</b>           | Recombinant protein corresponding to human PIWIL4.                                                                                                        |
| <b>Sequence</b>            | AQSLNTWLILCSDRTEYVAESFLNCLRRVAGSMGFNVDYPKIIKVQENPAAFVRAIQYVDPDVQL<br>VMCILPSNQKTYYSI                                                                      |
| <b>Host</b>                | Rabbit                                                                                                                                                    |
| <b>Reactivity</b>          | Human                                                                                                                                                     |
| <b>Form</b>                | Liquid                                                                                                                                                    |
| <b>Purification</b>        | Antigen affinity purification                                                                                                                             |
| <b>Isotype</b>             | IgG                                                                                                                                                       |
| <b>Recommend Usage</b>     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).                                                                                                        |

**Storage Instruction**

Store at 4°C for short term storage. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — PIWIL4

**Entrez GeneID** [143689](#)

**Protein Accession#** [Q7Z3Z4](#)

**Gene Name** PIWIL4

**Gene Alias** DKFZp686P01248, FLJ36156, HIWI2, MIWI2

**Gene Description** piwi-like 4 (Drosophila)

**Omim ID** [610315](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** PIWIL4 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells (Sasaki et al., 2003 [PubMed 12906857]).[supplied by OMIM]

**Other Designations** piwi-like 2|piwi-like 4

## Pathway

- [Dorso-ventral axis formation](#)

## Disease

- [Lung Neoplasms](#)

- [Tobacco Use Disorder](#)