

## Rabbit Anti-Piwil2 antibody

SL3817R

Product Name:	Piwil2
Chinese Name:	piwi样2 <b>蛋白抗体</b>
Alias:	HILI; Hiwi like; MILI; Miwi like; Piwi like 2; Piwi-like 2; Piwil 2; Piwil-2; Piwil2; Cancer/testis antigen 80; CT80; PIWL2_HUMAN; HILI.
文献引用 Pub <sup>l</sup> ∭ed ∶	Specific References(1) SL3817R has been referenced in 1 publications.
	[IF=3.64]Shi, Ran-ran, et al. "The immunogenicity of a novel cytotoxic T lymphocyte
	epitope from tumor antigen PL2L60 could be enhanced by 4-chlorophenylalanine
	substitution at position 1."?Cancer Immunology, Immunotherapy?(2013): 1-
	10.WB;Human.
	PubMed:24077852
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-
	Cyt=0.2µg /TestIF=1:100-500 (Paraffin sections need antigen repair)
	not yet tested in other applications.
	optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	107kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	lmg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Piwil2/Mili:885-973/973
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized
~~~~ <u>~</u>	piwil样2蛋白抗体   HILI; Hiwi like; MILI; Miwi like; Piwi like 2; Piwi-like 2; Piwil 2; Piwil-2; Piwil2; Cancer/testis antigen 80; CT80; PIWL2_HUMAN; HILI.   Specific References(1) SL3817R has been referenced in 1 publications.   [IF=3.64]Shi, Ran-ran, et al. "The immunogenicity of a novel cytotoxic T lymphocyte epitope from tumor antigen PL2L60 could be enhanced by 4-chlorophenylalanine substitution at position 1."?Cancer Immunology, Immunotherapy?(2013): 1-10.WB;Human.   PubMed:24077852   Rabbit   Polyclonal   Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Guinea Pig,   WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=0.2µg /TestIF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications.   optimal dilutions/concentrations should be determined by the end user.   107kDa   cytoplasmic   Lyophilized or Liquid   Img/ml   KLH conjugated synthetic peptide derived from human Piwil2/Mili:885-973/973   IgG   affinity purified by Protein A   0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.   Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

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**Tissue Specificity:** Expressed in adult testis and in most tumors.

## **Post-translational modifications:**

Arginine methylation by PRMT5 is required for the interaction with Tudor domaincontaining protein TDRD1 and subsequent localization to the meiotic nuage, also named P granule.

Similarity: Belongs to the argonaute family. Piwi subfamily. Contains 1 PAZ domain. biotech.cox Contains 1 Piwi domain.

SWISS: Q8TC59

Gene ID: 55124

Database links:

Entrez Gene: 55124Human

Entrez Gene: 57746Mouse

Entrez Gene: 306011Rat

Omim: 610312Human

SwissProt: Q8TC59Human

SwissProt: Q8CDG1Mouse

Unigene: 614809Human

Unigene: 85253Mouse

Unigene: 144968Rat

## **Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

[PTM]Arginine methylation by PRMT5 is required for the interaction with Tudor domain-containing protein TDRD1 and subsequent localization to the meiotic nuage, also named P granule.





