

Rabbit anti-Human PIWIL2 Polyclonal Antibody | anti-PIWIL2 antibody

PIWIL2 Antibody (N-term)

CATALOG # AAA287134	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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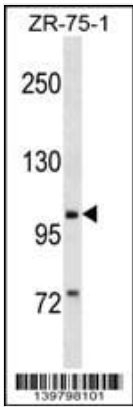
PRODUCT SYNONYMS

PIWIL2; Polyclonal Antibody; PIWIL2 Antibody (N-term); Piwi-like protein 2; Cancer/testis antigen 80; CT80; HILI; anti-PIWIL2 antibody

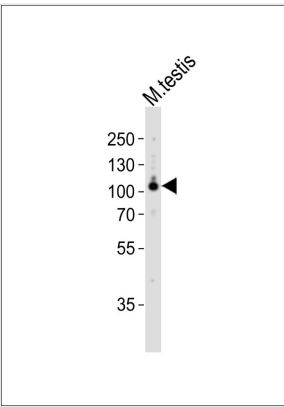
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PIWIL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-119 amino acids from the N-terminal region of human PIWIL2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.33 (varies by lot)
Sequence Positions	90-119
Sequence Length	937
Applicable Applications for anti-PIWIL2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
PIWIL2 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the PIWIL2 antibody detected the PIWIL2 protein (arrow).



WB (Western Blot)
Western blot analysis of lysate from mouse testis tissue lysate, using PIWIL2 Antibody (N-term). AAA287134 was diluted at 1:500. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-PIWIL2 antibody	PIWIL2 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells (Sasaki et al., 2003 [PubMed 12906857]).
Product Categories/Family for anti-PIWIL2 antibody	Signal Transduction
References	Lee, J.H., et al. Cancer Res. 70(11):4569-4579(2010) Liu, J.J., et al. Int J Clin Exp Pathol 3(4):328-337(2010) Nikpour, P., et al. Cancer Epidemiol 33 (3-4), 271-275 (2009) : Lee, J.H., et al. Hum. Mol. Genet. 15(2):201-211(2006) Kuramochi-Miyagawa, S., et al. Development 131(4):839-849(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	209180418
NCBI GeneID	55124
NCBI Accession #	NP_001129193.1; NP_060538.2
NCBI GenBank Nucleotide #	NM_001135721.1
UniProt Accession #	Q8TC59; Q96SW6; Q9NW28; A8K4S3; A8K8S5; B0AZN9; B0AZP2; B4DR22; E7ECA4
Molecular Weight	109849
NCBI Official Full Name	piwi-like protein 2
NCBI Official Synonym Full Names	piwi-like RNA-mediated gene silencing 2
NCBI Official Symbol	PIWIL2
NCBI Official Synonym Symbols	CT80; HILI; mili; PIWIL1L
NCBI Protein Information	piwi-like protein 2
UniProt Protein Name	Piwi-like protein 2
UniProt Gene Name	PIWIL2
UniProt Synonym Gene Names	HILI; CT80

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/piwil2-antibody-western-blot-elisa/287134>