

Rabbit PIWIL1 Polyclonal Antibody | anti-PIWIL1 antibody

PIWIL1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198869	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Immunohistochemistry, Western Blot

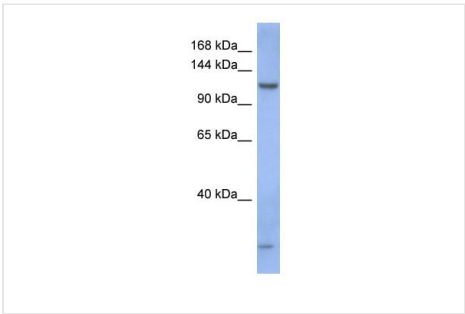
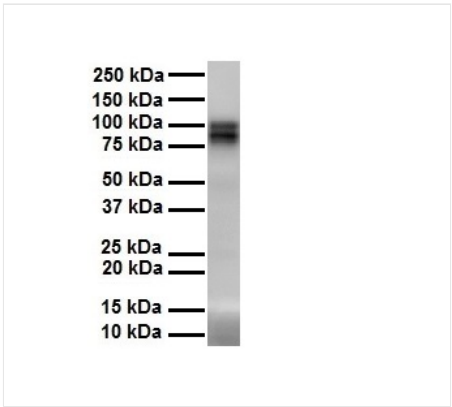
PRODUCT SYNONYMS

PIWIL1; Polyclonal Antibody; PIWIL1 antibody - N-terminal region; anti-PIWIL1 antibody

PRODUCT SPECIFICATIONS

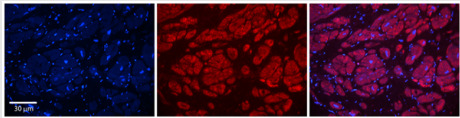
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: FQ ELSLAERGGR RRDFHDLGVN TRQNLDHVKE SKTGSSGIIV RLSTNHFR
Sequence Length	861
Applicable Applications for anti-PIWIL1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PIWIL1
Protein Size (# AA)	861 amino acids
Blocking Peptide	For anti-PIWIL1 antibody is Catalog #
Gene Full Name	Piwi-like 1 (Drosophila)
Protein Interactions	UBC; DICER1; TP63; TP73; TP53;
Preparation and Storage	Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-PIWIL1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Stomach

WB (Western Blot)
WB Suggested Anti-PIWIL1 antibody Titration: 1 ug/ml
Sample Type: Human heart



IHC (Immunohistochemistry)
Rabbit Anti-PIWIL1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-PIWIL1 antibody	This is a rabbit polyclonal antibody against PIWIL1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PIWIL1 is a member of the PIWI subfamily of Argonaute proteins, evolutionarily conserved proteins containing both PAZ and Piwi motifs that play important roles in stem cell self-renewal, RNA silencing, and translational regulation in diverse organisms. PI
Product Categories/Family for anti-PIWIL1 antibody	Polyclonal; Drugs and Drug Metabolism; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	66346725
NCBI GeneID	9271
NCBI Accession #	NP_004755
NCBI GenBank Nucleotide #	NM_004764
UniProt Accession #	Q96J94
Molecular Weight	98kDa
NCBI Official Full Name	piwi-like protein 1 isoform 1
NCBI Official Synonym Full Names	piwi like RNA-mediated gene silencing 1
NCBI Official Symbol	PIWIL1
NCBI Official Synonym Symbols	HIWI; MIWI; PIWI; CT80.1
NCBI Protein Information	piwi-like protein 1
UniProt Protein Name	Piwi-like protein 1

UniProt Gene Name	PIWIL1
UniProt Synonym Gene Names	HIWI
UniProt Entry Name	PIWL1_HUMAN

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/piwil1-antibody-immunohistochemistry-western-blot-elisa/198869>