

Rabbit PIWIL1 Polyclonal Antibody | anti-PIWIL1 antibody

Anti-PIWIL1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254273	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

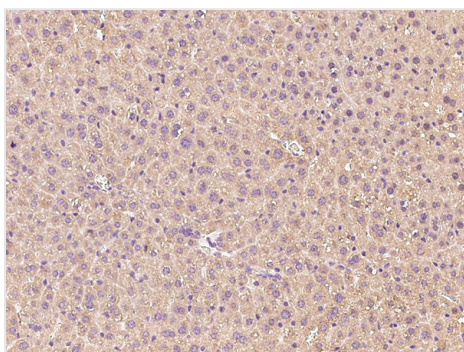
PRODUCT SYNONYMS

PIWIL1; Polyclonal Antibody; Anti-PIWIL1 Antibody; Rabbit Polyclonal; PIWIL1 Antibody; Rabbit PAb; Antigen Affinity Purified; piwi-like RNA-mediated gene silencing 1; Anti-CT80.1 Antibody; Anti-HIWI Antibody; Anti-MIWI Antibody; Anti-PIWI Antibody; anti-PIWIL1 antibody

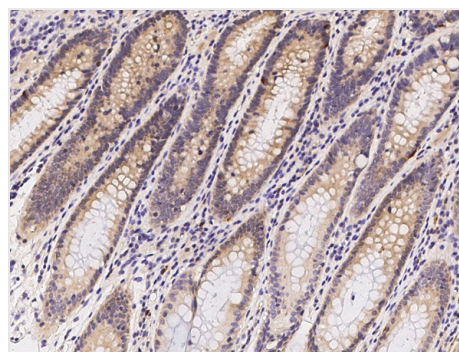
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PIWIL1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PIWIL1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human PIWIL1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human PIWIL1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

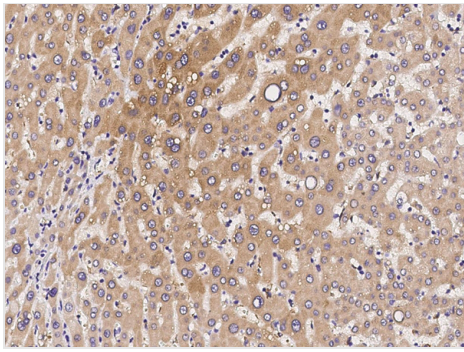
IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human PIWIL1 in mouse liver with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.

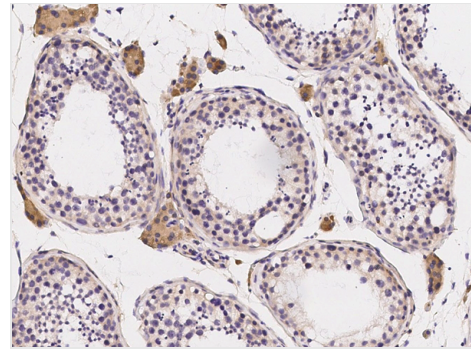

IHC (Immunohistochemistry)

Immunochemical staining of human PIWIL1 in human colon with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human PIWIL1 in human liver with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human PIWIL1 in human testis with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PIWIL1 antibody

The PIWI-like protein 1 (PIWIL1) plays a crucial role in stem cell proliferation, embryogenesis, growth, and development, as well as differentiation and maturation in multiple organisms. Piwi-like RNA-mediated gene silencing 1 (PIWIL1) has been identified as a novel extremely highly expressed cancer-testis (CT) gene in lung adenocarcinoma. The PIWI-like protein 1 (PIWIL1) plays an important role in spermatogenesis and transposon control. In mammals, the absence of the PIWIL1 gene can lead to over-expression of retrotransposons, spermatogenetic arrest, and male infertility.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300244501
NCBI GeneID	9271
NCBI Accession #	NP_001177900.1; NP_004755.2
NCBI GenBank Nucleotide #	NM_001190971.1
UniProt Accession #	Q96J94; O95404; Q8NA60; Q8TBY5; Q96JD5; A4F266
Molecular Weight	98,603 Da
NCBI Official Full Name	piwi-like protein 1 isoform 2
NCBI Official Synonym Full Names	piwi-like 1 (Drosophila)
NCBI Official Symbol	PIWIL1
NCBI Official Synonym Symbols	HIWI; MIWI; PIWI
NCBI Protein Information	piwi-like protein 1; piwi homolog
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-elisa/254273>