

Rabbit PIWIL2 Polyclonal Antibody | anti-PIWIL2 antibody

PIWIL2 Polyclonal Antibody

CATALOG # AAA168343	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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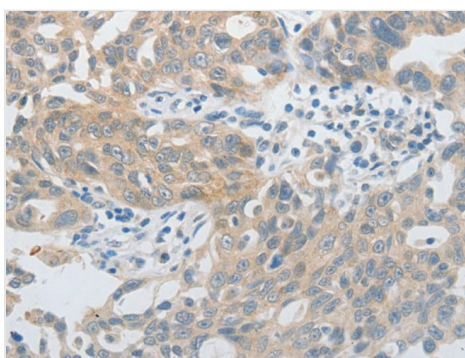
PRODUCT SYNONYMS

PIWIL2; Polyclonal Antibody; PIWIL2 Polyclonal Antibody; CT80; HILI; mili; PIWIL1L; anti-PIWIL2 antibody

PRODUCT SPECIFICATIONS

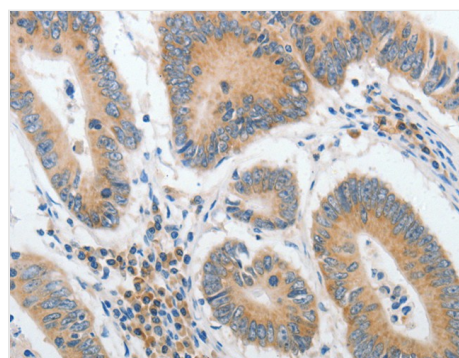
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/mL (varies by lot)
Sequence Length	973
Applicable Applications for anti-PIWIL2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human PIWIL2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PIWIL2 Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using PIWIL2 Polyclonal Antibody at dilution 1:40

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. Plays a central role during spermatogenesis by repressing transposable elements and prevent their mobilization, which is essential for the germline integrity. Plays an essential role in meiotic differentiation of spermatocytes, germ cell differentiation and in self-renewal of spermatogonial stem cells. Its presence in oocytes suggests that it may participate in similar functions during oogenesis in females. Indirectly modulate expression of genes such as PDGFRB, SLC2A1, ITGA6, GJA7, THY1, CD9 and STRA8. Inhibits tumor cell growth when repressed. When overexpressed, acts as an oncogene by inhibition of apoptosis and promotion of proliferation in tumors
Product Categories/Family for anti-PIWIL2 antibody	Stem cells; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	209180418
NCBI GeneID	55124
NCBI Accession #	NP_001129193.1
NCBI GenBank Nucleotide #	NM_001135721.1
Molecular Weight	105,760 Da
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; 80kDa PIWIL2 short isoform; Miwi like; cancer/testis antigen 80; piwi-like 2; piwil2-like protein
UniProt Protein Name	Piwi-like protein 2
UniProt Gene Name	PIWIL2
UniProt Synonym Gene Names	HILI; CT80
UniProt Entry Name	PIWL2_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/piwil2-antibody-immunohistochemistry-elisa/168343>