

Rabbit PIWIL4 Polyclonal Antibody | anti-PIWIL4 antibody

PIWIL4 Polyclonal Antibody

CATALOG # AAA168849	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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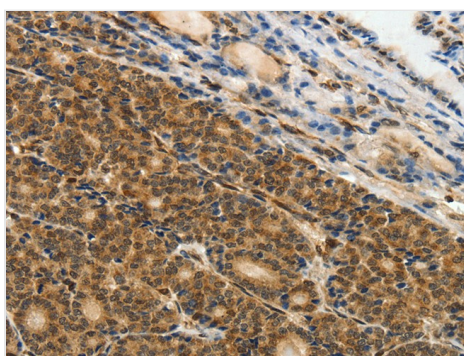
PRODUCT SYNONYMS

PIWIL4; Polyclonal Antibody; PIWIL4 Polyclonal Antibody; HIWI2; MIWI2; anti-PIWIL4 antibody

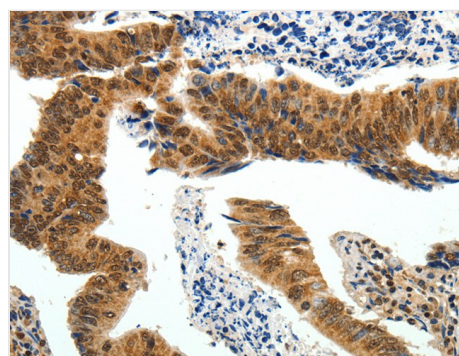
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	852
Applicable Applications for anti-PIWIL4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human PIWIL4
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 thyroid cancer tissue using PIWIL4 Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using PIWIL4 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-PIWIL4 antibody

PIWIL4 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells. It plays a central role during spermatogenesis by repressing transposable elements and prevent their mobilization, which is essential for the germline integrity. May be involved in the chromatin-modifying pathway by inducing 'Lys-9' methylation of histone H3 at some loci.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316711
NCBI GeneID	143689
NCBI Accession #	NP_689644.2
NCBI GenBank Nucleotide #	NM_152431.2
Molecular Weight	52,174 Da
NCBI Official Full Name	piwi-like protein 4
NCBI Official Synonym Full Names	piwi-like RNA-mediated gene silencing 4
NCBI Official Symbol	PIWIL4
NCBI Official Synonym Symbols	HIWI2; MIWI2
NCBI Protein Information	piwi-like protein 4; piwi-like 4
UniProt Protein Name	Piwi-like protein 4
UniProt Gene Name	PIWIL4
UniProt Synonym Gene Names	HIWI2; PIWI
UniProt Entry Name	PIWL4_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.