

Rabbit PIWIL1 Polyclonal Antibody | anti-PIWIL1 antibody

PIWIL1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198870	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit	Western Blot

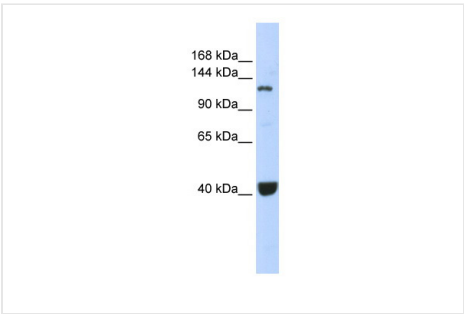
PRODUCT SYNONYMS

PIWIL1; Polyclonal Antibody; PIWIL1 antibody - middle region; HIWI; MIWI; PIWI; CT80.1; anti-PIWIL1 antibody

PRODUCT SPECIFICATIONS

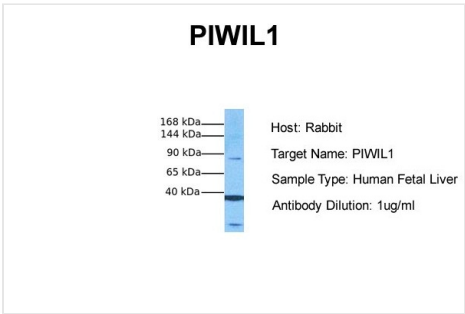
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide with the following region: LT YKLCHYYNW PGVIRVPAPC QYAHKLAFLV GQSIHREPNL SLSNRLYY
Sequence Length	861
Applicable Applications for anti-PIWIL1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PIWIL1
Protein Size (# AA)	861 amino acids
Protein Interactions	UBC; DICER1; TP63; TP73; TP53;
Blocking Peptide	PIWIL1 peptide () is used for blocking the activity of PIWIL1 antibody
Preparation and Storage	For long term storage, store at -20 degree C 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: CCRF-CEM cell lysate
PIWIL1 is supported by BioGPS gene expression data to be expressed in CCRF-CEM



WB (Western Blot)

Host: Rabbit
Target Name: PIWIL1
Sample Tissue: Human Fetal Liver
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PIWIL1 antibody	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. PIWIL1 may play a role as an intrinsic regulator of the self-renewal capacity of germline and hematopoietic stem cells. This gene encodes 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. The encoded protein may play a role as an intrinsic regulator of the self-renewal capacity of germline and hematopoietic stem cells.
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.

