

Rabbit PIWI-L1 Polyclonal Antibody | anti-PIWI-L1 antibody

PIWI-L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305776	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

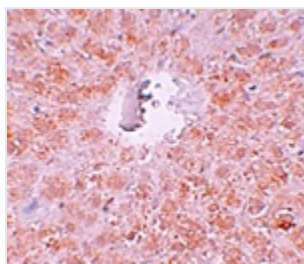
PRODUCT SYNONYMS

PIWI-L1; Polyclonal Antibody; PIWI-L1 Antibody; PIWIL1; PIWI; MIWI; HIWI; anti-PIWI-L1 antibody

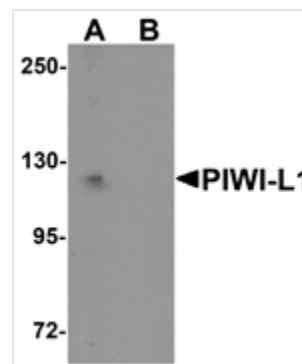
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	861
Applicable Applications for anti-PIWI-L1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the amino terminus of human PIWI-L1.
Target Name	PIWI-L1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of MFSD2B in rat liver tissue with MFSD2B antibody at 10 ug/mL.


WB (Western Blot)

Western blot analysis of PIWI-L1 in HepG2 cell lysate with PIWI-L1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PIWI-L1 antibody	PIWI-L1 is a member of the PIWI subfamily of Argonaute proteins, evolutionarily conserved proteins containing both PAZ and Piwi motifs that are crucial for the biogenesis and function of small non-coding RNAs and play important roles in stem cell self-renewal, RNA silencing, and translational regulation in diverse organisms. PIWI-L1 is thought to play a role as an intrinsic regulator of the self-renewal capacity of germline and hematopoietic stem cells as removing PIWI-L1 protein from single germline stem cells significantly decreases the rate of their division. Recent studies have shown that overexpression of PIWI-L1 (as well as other PIWI-like proteins) are potential biomarkers for colon and other cancers.
Product Categories/Family for anti-PIWI-L1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14579645
NCBI GeneID	9271
Molecular Weight	89,484 Da
NCBI Official Full Name	PIWI protein
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/piwi-l1-antibody-immunohistochemistry-western-blot-elisa/305776>