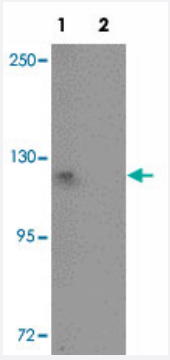
PIWIL1 polyclonal antibody

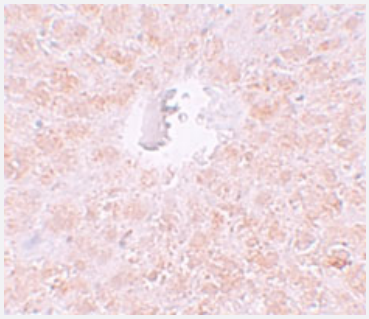
Catalog # PAB19332 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of PIWIL1 in HepG2 cell lysate with PIWIL1 polyclonal antibody (Cat # PAB19332) at 1 ug/mL in (1) the absence and (2) the presence of blocking peptide.



Immunohistochemistry

Immunohistochemical staining of rat liver cells with PIWIL1 polyclonal antibody (Cat # PAB19332) at 10 ug/mL.

Specification

Product Description	Rabbit polyclonal antibody rasied against synthetic peptide of PIWIL1.
Immunogen	A synthetic peptide corresponding to 18 amino acids near N-terminus of human PIWIL1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Peptide affinity purification

Concentration	1 mg/mL
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry

  Immunohistochemical staining of rat liver cells with PIWIL1 polyclonal antibody (Cat # PAB19332) at 10 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PIWIL1

Entrez GeneID	9271
Protein Accession#	AAK69348
Gene Name	PIWIL1
Gene Alias	HIWI, MIWI, PIWI
Gene Description	piwi-like 1 (Drosophila)
Omim ID	605571
Gene Ontology	Hyperlink

Gene Summary	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. [provided by RefSeq
Other Designations	piwi homolog|piwi-like 1

Pathway

- Dorso-ventral axis formation

Disease

- Adenocarcinoma
- Carcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Kidney Neoplasms
- Neoplasm Recurrence