

Rabbit HIWI1 Polyclonal Antibody | anti-HIWI1 antibody

Rabbit anti-HIWI1 Antibody

CATALOG # AAA222872	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

HIWI1; Polyclonal Antibody; Rabbit anti-HIWI1 Antibody; HIWI; Piwi-like protein 1; anti-HIWI1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HIWI1 antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human HIWI1
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HIWI1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of HIWI1 expression in HepG2 (A), SKOV3 (B), mouse testis (C), rat testis (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HIWI1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300244501
NCBI GeneID	9271
NCBI Accession #	NP_001177900.1; NP_004755.2

NCBI GenBank Nucleotide #	NM_001190971.1
UniProt Accession #	Q96J94; Q9JMB7
Molecular Weight	98,603 Da
NCBI Official Full Name	piwi-like protein 1 isoform 2
NCBI Official Synonym Full Names	piwi-like 1 (Drosophila)
NCBI Official Symbol	PIWIL1
NCBI Official Synonym Symbols	HIWI; MIWI; PIWI
NCBI Protein Information	piwi-like protein 1; piwi homolog
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/hiwi1-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/222872>