

Rabbit HIWI2 Polyclonal Antibody | anti-PIWIL4 antibody

Anti-HIWI2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261931	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

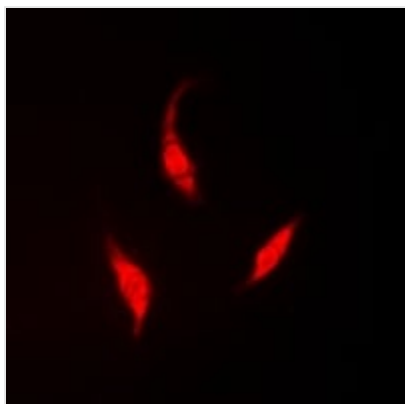
PRODUCT SYNONYMS

HIWI2; Polyclonal Antibody; Anti-HIWI2 Antibody; PIWI; Piwi-like protein 4; anti-PIWIL4 antibody

PRODUCT SPECIFICATIONS

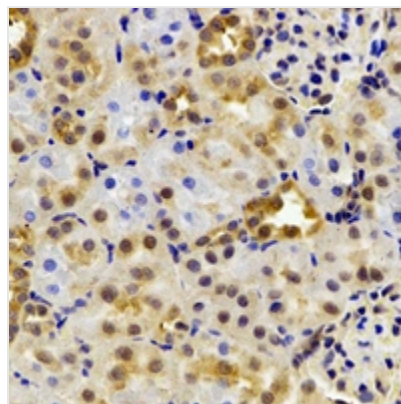
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of HIWI2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	852
Applicable Applications for anti-PIWIL4 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human HIWI2
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



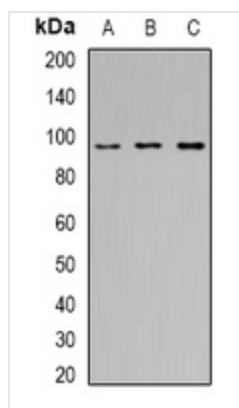
IF (Immunofluorescence)

Immunofluorescent analysis of HIWI2 staining in A549 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.



IHC (Immunohistochemistry)

Immunohistochemical analysis of HIWI2 staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of HIWI2 expression in K562 (A), MCF7 (B), HeLa (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PIWIL4 antibody

Rabbit polyclonal antibody to HIWI2

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316711
NCBI GeneID	143689
NCBI Accession #	NP_689644.2
NCBI GenBank Nucleotide #	NM_152431.2
UniProt Accession #	Q7Z3Z4; Q68CZ4; Q8N8G9; Q8N9V8; Q8NEH2; B4DEG5
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hiwi2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261931>