

Rabbit PIWI-L3 Polyclonal Antibody | anti-PIWIL3 antibody

PIWI-L3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39314	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

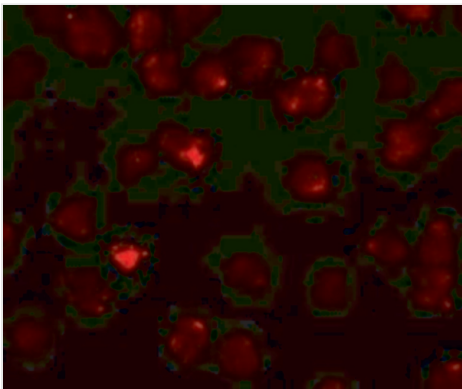
PRODUCT SYNONYMS

PIWI-L3; Polyclonal Antibody; PIWI-L3 Antibody; HIWI3; Piwi-like protein 3; piwi-like 3 (Drosophila); anti-PIWIL3 antibody

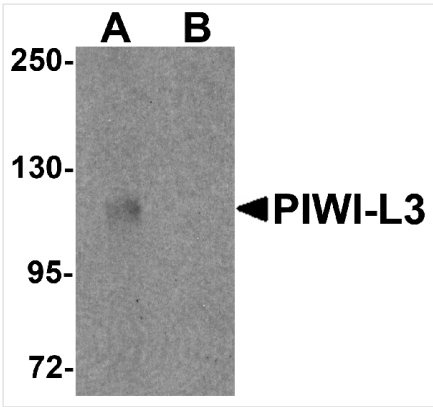
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PIWI-L3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	882
Applicable Applications for anti-PIWIL3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PIWI-L3 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human PIWI-L3.
Buffer	PIWI-L3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PIWI-L3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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



IF (Immunofluorescence)
Immunofluorescence of PIWI-L3 in 3T3 cells with PIWI-L3 antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of PIWI-L3 in 3T3 cell lysate with PIWI-L3 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PIWIL3 antibody	PIWI-L3 Antibody: PIWI-L3 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. Recent studies have shown that overexpression of PIWI-L3 (as well as other PIWI-like proteins) are potential biomarkers for astrocytic glioma, meningioma, and other cancers.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153792298
NCBI GeneID	440822
NCBI Accession #	NP_001008496
NCBI GenBank Nucleotide #	NM_001008496.3
UniProt Accession #	Q7Z3Z3
Molecular Weight	101,089 Da
NCBI Official Full Name	piwi-like protein 3 isoform 1
NCBI Official Synonym Full Names	piwi-like RNA-mediated gene silencing 3
NCBI Official Symbol	PIWIL3
NCBI Official Synonym Symbols	HIWI3
NCBI Protein Information	piwi-like protein 3; piwi-like 3
UniProt Protein Name	Piwi-like protein 3
UniProt Gene Name	PIWIL3
UniProt Entry Name	PIWL3_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.