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Datasheet for ABIN6991436 **anti-PIWIL3 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	PIWIL3
Binding Specificity:	AA 130-180, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIWIL3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	PIWI-L3 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human PIWI-L3. The immunogen is located within amino acids 130 - 180 of PIWI-L3.
Isotype:	IgG
Purification:	PIWI-L3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PIWIL3
Alternative Name:	PIWI-L3 (PIWIL3 Products)
Background:	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

Target Details

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.

Gene ID: 440822

NCBI Accession: [NP_001008496](#)

UniProt: [Q7Z3Z3](#)

Application Details

Application Notes: PIWI-L3 antibody can be used for detection of PIWI-L3 by Western blot at 1 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PIWI-L3 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PIWI-L3 antibody can be stored at 4°C for three months and -20°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.