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## Datasheet for ABIN911196 anti-PIWIL1 antibody (AA 551-650) (Alexa Fluor 488)



Overview

Quantity:	100 µL
Target:	PIWIL1
Binding Specificity:	AA 551-650
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIWIL1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from chicken PIWIL1
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Chicken
Purification:	Purified by Protein A.
Target Details	
Target:	PIWIL1
Alternative Name:	PIWIL1 (PIWIL1 Products)

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Background:   Synonyms: PIWI, Piwi-like protein 1, PIWIL1     Background:   Background: Plays a central role during gametogenesis by repressing transposable e     and preventing their mobilization, which is essential for the germline integrity. Acts v   piRNA metabolic process, which mediates the repression of transposable elements -     meiosis by forming complexes composed of piRNAs and Piwi proteins and govern timethylation and subsequent repression of transposons. Directly binds methylated piclass of 24 to 3 nucleotide RNAs that are generated by a Dicer-independent mechani primarily derived from transposons and other repeated sequence elements. Besides function in transposable elements repression, piRNAs are probably involved in other during meiosis such as translation regulation (By similarity).     Gene ID:   416804     UniProt:   A6N7Y9     Application Details   IF(IHC-P) 1:50-200     IF(IHC-F) 1:50-200   IF(IHC-F) 1:50-200     IF(ICC) 1:50-200   IF(ICC) 1:50-200     Handling   IIquid	ia the during ne RNAs, a ism and are their
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Handling	
Format: Liquid	
Concentration: 1 µg/µL	
Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proc	clin300 and
50 % Glycerol.	
Preservative: ProClin	
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which	should be
handled by trained staff only.	
Storage: -20 °C	
Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date: 12 months	

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