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Datasheet for ABIN7468748 **anti-PIWIL4 antibody (C-Term)**

Overview

Quantity:	100 µL
Target:	PIWIL4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIWIL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human PIWIL4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PIWIL4
Alternative Name:	piwi like RNA-mediated gene silencing 4 (PIWIL4 Products)

Target Details

Background:	Synonyms: piwi like RNA-mediated gene silencing 4 , HIWI2 , MIWI2 Background: PIWIL4 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells (Sasaki et al., 2003 [PubMed 12906857]).[supplied by OMIM]
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Molecular Weight:	97 kDa
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Gene ID:	143689
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UniProt:	Q7Z3Z4
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Application Details

Application Notes:	WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	0.69 mg/mL
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Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
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