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Datasheet for ABIN7114002  
**anti-EXD1 antibody**

### Overview

Quantity:	100 µg
Target:	EXD1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	exonuclease 3'-5' domain containing 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	EXD1
Alternative Name:	EXD1 ( <a href="#">EXD1 Products</a> )
Background:	Synonyms:EXDL1 Background:RNA-binding component of the PET complex, a multiprotein complex required for the processing of piRNAs during spermatogenesis. The piRNA metabolic process mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and

## Target Details

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subsequent repression of transposable elements, preventing their mobilization, which is essential for the germline integrity(By similarity). The PET complex is required during the secondary piRNAs metabolic process for the PIWIL2 slicing-triggered loading of PIWIL4 piRNAs. In the PET complex, EXD1 probably acts as an RNA adapter. EXD1 is an inactive exonuclease(By similarity).

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Molecular Weight: 36 kDa

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Gene ID: 161829

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UniProt: [Q8NHP7](#)

## Application Details

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Application Notes: WB: 1:200-1:1000, IHC: 1:50-1:500, IF: 1:20-1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months