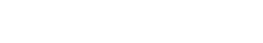
# antibodies -online.com







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## anti-EXD1 antibody

Datasheet for ABIN7114002

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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

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 (EXD1 Products)
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**

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).

Molecular Weight: 36 kDa

Gene ID: 161829

UniProt: Q8NHP7

### **Application Details**

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

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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
Storage Comment:	
Storage Comment.	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)