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Datasheet for ABIN7117531  
**anti-PIH1D1 antibody**

### Overview

Quantity:	100 µg
Target:	PIH1D1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIH1D1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	PIH1 domain containing 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	PIH1D1
Alternative Name:	PIH1D1 ( <a href="#">PIH1D1 Products</a> )
Background:	Synonyms:FLJ20643, NOP17, Nucleolar protein 17 homolog, PIH1 domain containing 1, PIH1D1 Background:Involved in the assembly of C/D box small nucleolar ribonucleoprotein(snoRNP) particles(PubMed:17636026). Recruits the SWI/SNF complex to the core promoter of rRNA genes and enhances pre-rRNA transcription(PubMed:22368283,

## Target Details

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PubMed:24036451). Mediates interaction of TELO2 with the R2TP complex which is necessary for the stability of MTOR and SMG1(PubMed:20864032). Positively regulates the assembly and activity of the mTORC1 complex(PubMed:24036451).

Molecular Weight: 40kd

Gene ID: 55011

UniProt: [Q9NWS0](#)

## Application Details

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Application Notes: WB: 1:1000-1:4000, IP: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:10-1:100

Restrictions: For Research Use only

## Handling

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

Expiry Date: 12 months