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Datasheet for ABIN7115537  
**anti-IWS1 antibody**

### Overview

Quantity:	100 µg
Target:	IWS1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IWS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

### Product Details

Immunogen:	IWS1 homolog(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	IWS1
Alternative Name:	IWS1 ( <a href="#">IWS1 Products</a> )
Background:	Synonyms:IWS1L Background:Transcription factor which plays a key role in defining the composition of the RNA polymerase II(RNAPII) elongation complex and in modulating the production of mature mRNA transcripts. Acts as an assembly factor to recruit various factors to the RNAPII elongation complex and is recruited to the complex via binding to the

## Target Details

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transcription elongation factor SUPT6H bound to the C-terminal domain(CTD) of the RNAPII subunit RPB1(POLR2A). The SUPT6H:IWS1:CTD complex recruits mRNA export factors(ALYREF/THOC4, EXOSC10) as well as histone modifying enzymes(such as SETD2) to ensure proper mRNA splicing, efficient mRNA export and elongation-coupled H3K36 methylation, a signature chromatin mark of active transcription.

Molecular Weight: 116-120 kDa

Gene ID: 55677

UniProt: [Q96ST2](#)

## Application Details

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Application Notes: WB: 1:500-1:2000, IP: 1:200-1:2000

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