

IWS1 antibody

Product Information

Catalog No.:	FNab04429
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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.

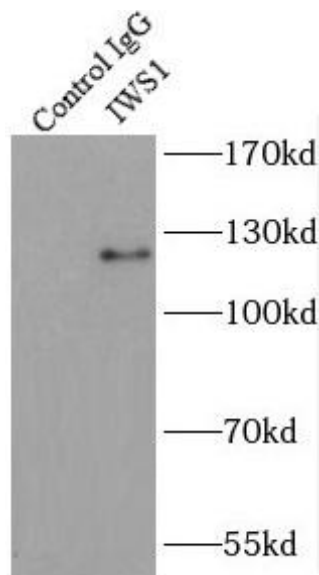
Immunogen information

Immunogen:	IWS1 homolog
Synonyms:	Protein IWS1 homolog IWS1-like protein IWS1 IWS1L
Observed MW:	116-120 kDa
Uniprot ID :	Q96ST2

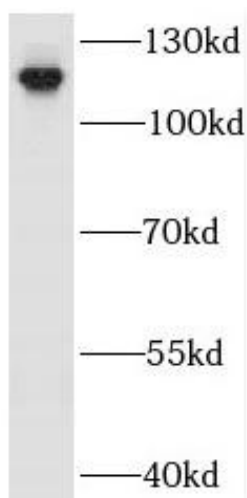
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:2000

Image:



IP Result of anti-IWS1 (IP:FNab04429, 4ug;
Detection:FNab04429 1:500) with mouse brain
tissue lysate 4000ug.



HeLa cells were subjected to SDS PAGE followed
by western blot with FNab04429(IWS1 antibody)
at dilution of 1:5000