IWS1 polyclonal antibody

Catalog: BS8868 Host: Rabbit Reactivity: Human, Mouse, Rat

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

92KDa

Swiss-Prot:

Q96ST2

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:2000|IF/ICC,1:50 - 1:200

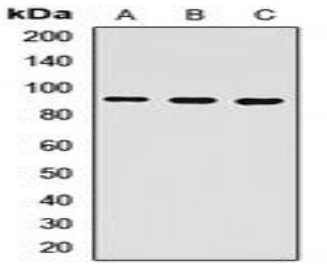
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

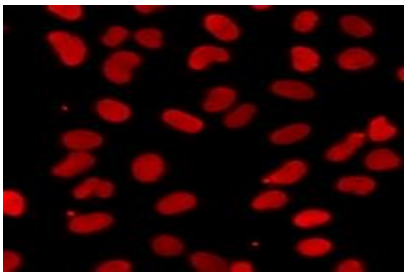
Specificity:

IWS1 polyclonal antibody detects endogenous levels of IWS1 protein.

DATA:



Western blot analysis of IWS1 expression in NCIH460 (A), mouse lung (B), rat brain (C) whole cell lysates.



Immunofluorescent analysis of IWS1 staining in A549 cells.

Note:

For research use only, not for use in diagnostic procedure.

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