

**IWS1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9638b****Specification**

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**IWS1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q96ST2](#)**IWS1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 55677**Other Names**

Protein IWS1 homolog, IWS1-like protein, IWS1, IWS1L

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**IWS1 Antibody (C-term) Blocking Peptide - Protein Information****Name** IWS1**Synonyms** IWS1L**Function**

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.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00649, ECO:0000269|PubMed:17184735, ECO:0000269|PubMed:17234882}

**IWS1 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**IWS1 Antibody (C-term) Blocking Peptide - Images**

**IWS1 Antibody (C-term) Blocking Peptide - References**

Yoh, S.M., et al. Genes Dev. 22(24):3422-3434(2008)Liu, Z., et al. Biochem. Biophys. Res. Commun. 353(1):47-53(2007)Yoh, S.M., et al. Genes Dev. 21(2):160-174(2007)