

**TAF1D Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5597a****Specification**

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**TAF1D Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O9H5J8](#)  
Other Accession [NP\\_077021.1](#)

**TAF1D Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 79101

**Other Names**

TATA box-binding protein-associated factor RNA polymerase I subunit D, RNA polymerase I-specific TBP-associated factor 41 kDa, TAFI41, TATA box-binding protein-associated factor 1D, TBP-associated factor 1D, Transcription initiation factor SL1/TIF-IB subunit D, TAF1D, JOSD3

**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.

**TAF1D Antibody (N-term) Blocking peptide - Protein Information**

**Name** TAF1D

**Synonyms** JOSD3

**Function**

Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (preinitiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1/TIF-IB with the rDNA promoter. SL1/TIF-IB is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. Formation of SL1/TIF-IB excludes the association of TBP with TFIID subunits.

**Cellular Location**

Nucleus

**TAF1D Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **TAF1D Antibody (N-term) Blocking peptide - Images**

#### **TAF1D Antibody (N-term) Blocking peptide - Background**

TAF1D is a member of the SL1 complex, which includes TBP(MIM 600075) and TAF1A (MIM 604903), TAF1B (MIM 604904), and TAF1C(MIM 604905), and plays a role in RNA polymerase I transcription(Wang et al., 2004 [PubMed 15520167]; Gorski et al., 2007 [PubMed17318177]).

#### **TAF1D Antibody (N-term) Blocking peptide - References**

Gorski, J.J., et al. EMBO J. 26(6):1560-1568(2007)Wang, L., et al. Cancer Res. 64(21):7673-7677(2004)