

## TTF2 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP6813c

### **Specification**

## TTF2 Antibody (Center) Blocking Peptide - Product Information

**Primary Accession** 

Q9UNY4

# TTF2 Antibody (Center) Blocking Peptide - Additional Information

### **Gene ID 8458**

#### **Other Names**

Transcription termination factor 2, 364-, Lodestar homolog, RNA polymerase II termination factor, Transcription release factor 2, F2, HuF2, TTF2

# **Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a

href=/products/AP6813c>AP6813c</a> was selected from the Center region of human TTF2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

### **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.

### TTF2 Antibody (Center) Blocking Peptide - Protein Information

#### Name TTF2

## **Function**

DsDNA-dependent ATPase which acts as a transcription termination factor by coupling ATP hydrolysis with removal of RNA polymerase II from the DNA template. May contribute to mitotic transcription repression. May also be involved in pre-mRNA splicing.

### **Cellular Location**

Cytoplasm. Nucleus. Note=Cytoplasmic during interphase Relocates to the nucleus as cells enter mitosis

# TTF2 Antibody (Center) Blocking Peptide - Protocols



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

### • Blocking Peptides

# TTF2 Antibody (Center) Blocking Peptide - Images

## TTF2 Antibody (Center) Blocking Peptide - Background

TTF2 encodes a member of the SWI2/SNF2 family of proteins, which play a critical role in altering protein-DNA interactions. The encoded protein has been shown to have dsDNA-dependent ATPase activity and RNA polymerase II termination activity. This protein interacts with cell division cycle 5-like, associates with human splicing complexes, and plays a role in pre-mRNA splicing.

## TTF2 Antibody (Center) Blocking Peptide - References

Miele, A., et.al., J. Cell. Biochem. 102 (1), 136-148 (2007) Jiang, Y. et.al., Cell Cycle 3 (9), 1151-1153 (2004)