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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 AP6813c 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

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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)