10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TAF15 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14800a

Specification

TAF15 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	Q92804

TAF15 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 8148

Other Names
TATA-binding protein-associated factor 2N, 68 kDa TATA-binding protein-associated factor, TAF(II)68, TAFII68, RNA-binding protein 56, TAF15, RBP56, TAF2N

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.

TAF15 Antibody (N-term) Blocking Peptide - Protein Information

Name TAF15

Synonyms RBP56, TAF2N

Function
RNA and ssDNA-binding protein that may play specific roles during transcription initiation at distinct promoters. Can enter the preinitiation complex together with the RNA polymerase II (Pol II).

Cellular Location
Nucleus. Cytoplasm. Note=Shuttles from the nucleus to the cytoplasm

Tissue Location
Ubiquitous. Observed in all fetal and adult tissues

TAF15 Antibody (N-term) Blocking Peptide - Protocols

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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Blocking Peptides

TAF15 Antibody (N-term) Blocking Peptide - Images

TAF15 Antibody (N-term) Blocking Peptide - Background

Initiation of transcription by RNA polymerase II requiresthe activities of more than 70 polypeptides. The protein thatcoordinates these activities is transcription factor IID (TFIID),which binds to the core promoter to position the polymeraseproperly, serves as the scaffold for assembly of the remainder ofthe transcription complex, and acts as a channel for regulatorysignals. TFIID is composed of the TATA-binding protein (TBP) and agroup of evolutionarily conserved proteins known as TBP-associatedfactors or TAFs. TAFs may participate in basal transcription, serveas coactivators, function in promoter recognition or modify generaltranscription factors (GTFs) to facilitate complex assembly andtranscription initiation. This gene encodes a subunit of TFIIDpresent in a subset of TFIID complexes. Translocations involvingchromosome 17 and chromosome 9, where the gene for the nuclearreceptor CSMF is located, result in a gene fusion product that isan RNA binding protein associated with a subset of extraskeletalmyxoid chondrosarcomas. Two transcripts encoding different isoformshave been identified.

TAF15 Antibody (N-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Schatz, N., et al. Cancer Res. 70(1):398-408(2010)Alves, J., et al. Biochem. Biophys. Res. Commun. 384(4):495-500(2009)Jobert, L., et al. EMBO Rep. 10(5):494-500(2009)Jobert, L., et al. Exp. Cell Res. 315(7):1273-1286(2009)