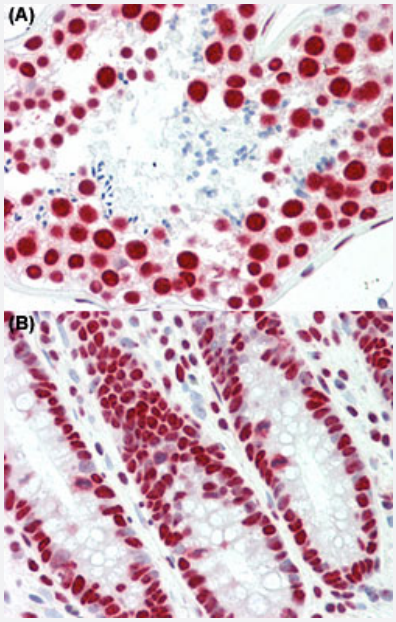
TAF15 monoclonal antibody, clone 4D71

Catalog # MAB12500 Size 50 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis tissue (A) and human colon tissue (B) using TAF15 monoclonal antibody, clone 4D71 (Cat # MAB12500) under 10 ug/mL working concentration.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human TAF15.
Immunogen	Recombinant protein corresponding to full length human TAF15.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG1, kappa

Recommend Usage	Immunofluorescence (1:500-1:1000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis tissue (A) and human colon tissue (B) using TAF15 monoclonal antibody, clone 4D71 (Cat # MAB12500) under 10 ug/mL working concentration.

- Immunofluorescence

Gene Info — TAF15

Entrez GeneID	8148
Protein Accession#	Q92804
Gene Name	TAF15
Gene Alias	Npl3, RBP56, TAF2N, TAFII68, hTAFII68
Gene Description	TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 68kDa
Omim ID	601574
Gene Ontology	Hyperlink

Gene Summary	Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes a subunit of TFIID present in a subset of TFIID complexes. Translocations involving chromosome 17 and chromosome 9, where the gene for the nuclear receptor CSMF is located, result in a gene fusion product that is an RNA binding protein associated with a subset of extraskeletal myxoid chondrosarcomas. Two transcripts encoding different isoforms have been identified. [provided by RefSeq
Other Designations	RBP56/CSMF fusion|RNA-binding protein 56|TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 68 kD|TATA box binding protein (TBP)-associated factor, RNA polymerase II, N, 68kD (RNA-binding protein 56)|TATA box-binding protein-associ

Disease

- Kidney Failure
- Tobacco Use Disorder