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

TAF11 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TAF11.
Catalog # AT4138a

Specification

TAF11 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, IHC, E**
Primary Accession	Q15544
Other Accession	NM_005643
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**23307**

TAF11 Antibody (monoclonal) (M01) - Additional Information

Gene ID 6882

Other Names
Transcription initiation factor TFIID subunit 11, TFIID subunit p30-beta, Transcription initiation factor TFIID 28 kDa subunit, TAF(II)28, TAFII-28, TAFII28, TAF11, TAF2I

Target/Specificity
TAF11 (NP_005634, 158 a.a. ~ 210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
TAF11 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TAF11 Antibody (monoclonal) (M01) - Protocols

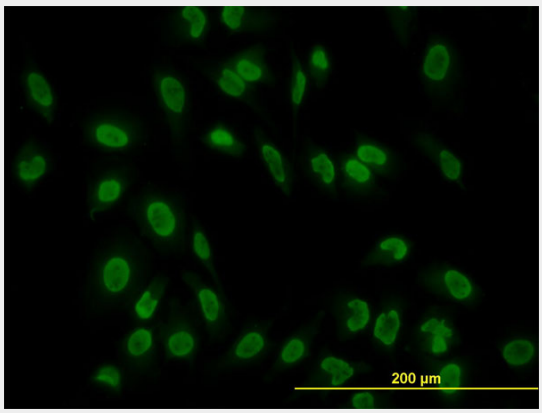
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

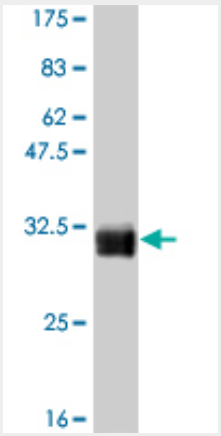
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

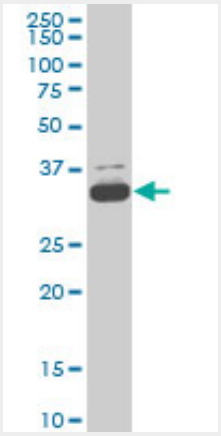
TAF11 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to TAF11 on HeLa cell. [antibody concentration 10 ug/ml]



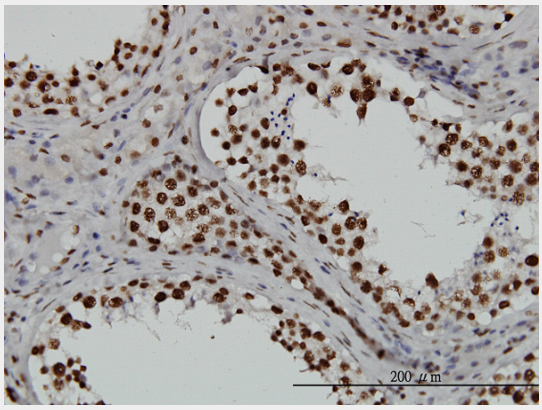
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (31.46 KDa) .



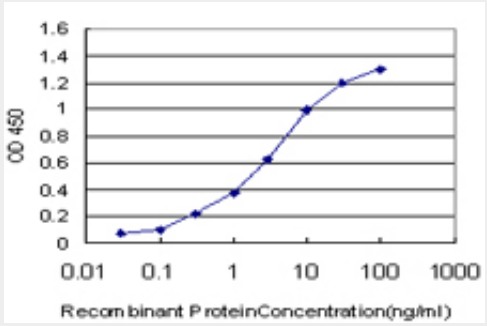
TAF11 monoclonal antibody (M01), clone 3D3 Western Blot analysis of TAF11 expression in Hela

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S3 NE ((Cat # AT4138a)



Immunoperoxidase of monoclonal antibody to TAF11 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged TAF11 is approximately 0.1ng/ml as a capture antibody.

TAF11 Antibody (monoclonal) (M01) - Background

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 small subunit of TFIID that is present in all TFIID complexes and interacts with TBP. This subunit also interacts with another small subunit, TAF13, to form a heterodimer with a structure similar to the histone core structure.

TAF11 Antibody (monoclonal) (M01) - References

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.The TBN protein, which is essential for early embryonic mouse development, is an inducible TAFII implicated in adipogenesis. Guermah M, et al. Mol Cell, 2003 Oct. PMID 14580349.The DNA sequence and analysis of human chromosome 6. Mungall AJ, et al. Nature, 2003 Oct 23. PMID 14574404.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.The human transcription factor IID subunit human TATA-binding protein-associated factor 28 interacts in a ligand-reversible manner with the vitamin D(3) and thyroid hormone receptors. Mengus G, et al. J

Biol Chem, 2000 Apr 7. PMID 10744685.