

For Research Use Only

# TAF12 Monoclonal antibody

Catalog Number: 67621-1-Ig



## Basic Information

<b>Catalog Number:</b> 67621-1-Ig	<b>GenBank Accession Number:</b> BC011986	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1900 µg/ml	<b>GeneID (NCBI):</b> 6883	<b>CloneNo.:</b> 4E12D2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q16514	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Full Name:</b> TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa	
<b>Immunogen Catalog Number:</b> AG16597	<b>Calculated MW:</b> 18 kDa	
	<b>Observed MW:</b> 21 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A431 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
<b>Species Specificity:</b> Human	

## Background Information

TAF12, also named TAF15 or TAF2J, is a TBP-associated factor that is contained in Pol I- and Pol II-specific TBP-TAF complexes, it is also a component of the transcription factor IID (TFIID) complex, which is essential for mediating regulation of RNA polymerase transcription. TAF12 plays a key role in regulating eukaryotic gene expression by directly binding promoters and enhancer-bound transactivator proteins. Likewise, TAF12 recruits Gadd45a and the nucleotide excision repair complex to the promoter of rRNA genes leading to active DNA demethylation

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

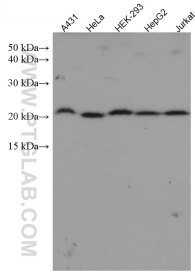
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67621-1-Ig (TAF12 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.