

TAF12 Monoclonal antibody

Catalog Number: 67621-1-Ig

Basic Information

Catalog Number: 67621-1-Ig	GenBank Accession Number: BC011986	Purification Method: Protein A purification
Size: 150ul , Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6883	CloneNo.: 4E12D2
Source: Mouse	Full Name: TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG1	Calculated MW: 18 kDa	
Immunogen Catalog Number: AG16597	Observed MW: 21 kDa	

Applications

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

Background Information

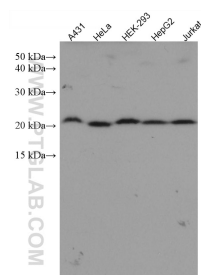
TAF12, also named TAF15 or TAF2J, is a TBP-associated factor that is contained in Pol I- and Pol II-specific TBP-TAF complexes, it is also a component of the transcription factor IID (TFIID) complex, which is essential for mediating regulation of RNA polymerase transcription. TAF12 plays a key role in 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

*** 20ul sizes contain 0.1% BSA

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.