

TAF12 Monoclonal antibody

Catalog Number: **67621-1-Ig**

Basic Information

Catalog Number:

67621-1-Ig

Size:

1900 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG16597

GenBank Accession Number:

BC011986

GeneID (NCBI):

6883

UNIPROT ID:

Q16514

Full Name:

TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa

Calculated MW:

18 kDa

Observed MW:

21 kDa

Purification Method:

Protein A purification

CloneNo.:

4E12D2

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

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:

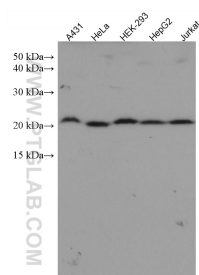
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.