

For Research Use Only

TAF12 Polyclonal antibody

Catalog Number: 12353-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number: 12353-1-AP	GenBank Accession Number: BC011986	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6883	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa	
Isotype: IgG	Calculated MW: 18 kDa	
Immunogen Catalog Number: AG3017	Observed MW: 21 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : Y79 cells, IP : Y79 cells,
Cited Applications: ChIP, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, mouse	

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. Observed MW of TAF12 is from 14-17 kDa and 17-21 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Sun Quanhong Q	23794264	J Bone Miner Res	WB
Jumpei Teramachi	24339057	J Bone Miner Res	WB
Jumpei Teramachi	23426901	J Bone Miner Res	ChIP, WB

Storage

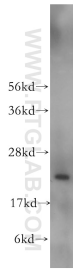
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

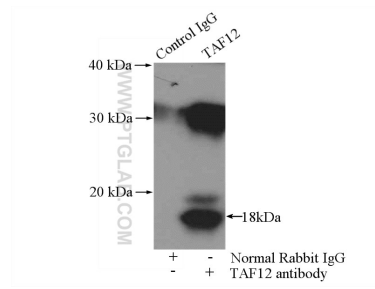
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Y79 cells were subjected to SDS PAGE followed by western blot with 12353-1-AP (TAF12 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-TAF12 (IP:12353-1-AP, 4ug; Detection:12353-1-AP 1:300) with Y79 cells lysate 2000ug.