

For Research Use Only

TAF9B Polyclonal antibody

Catalog Number: 28713-1-AP **1 Publications**



Basic Information

Catalog Number: 28713-1-AP	GenBank Accession Number: BC010350	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 51616	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 28 kDa	
Immunogen Catalog Number: AG29633	Observed MW: 30 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : MCF-7 cells, K-562 cells
Cited Applications: CoIP, WB	IP : HeLa cells,
Species Specificity: Human, mouse	IHC : mouse testis tissue,
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Transcription initiation factor TFIID subunit 9B (TAF9B), also names neuronal cell death-related protein 7, transcription initiation factor TFIID subunit 9-like, transcription-associated factor TAFII31L. It is essential for cell viability. TAF9 and TAF9B are involved in transcriptional activation as well as repression of distinct but overlapping sets of genes, may have a role in gene regulation associated with apoptosis. TAFs are components of the transcription factor IID (TFIID) complex, the TBP-free TAFII complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex. TFIID or TFTC are essential for the regulation of RNA polymerase II-mediated transcription. The calculated MW of TAF9B is 28 kDa, 28713-1-AP can detect a band around 30 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Siyuan Sun	38001062	Nat Commun	WB, CoIP

Storage

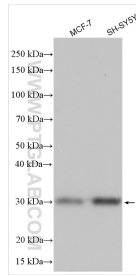
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

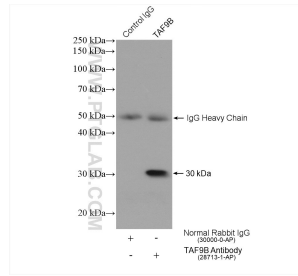
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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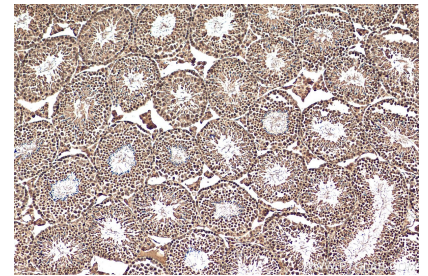
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28713-1-AP (TAF9B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-TAF9B(IP:28713-1-AP, 4 μ g; Detection:28713-1-AP 1:500) with HeLa cells lysate 1880 μ g.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 28713-1-AP (TAF9B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).