

For Research Use Only

# TADA3L Polyclonal antibody

Catalog Number: 10839-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 10839-1-AP	<b>GenBank Accession Number:</b> BC009240	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 800 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10474	<b>Recommended Dilutions:</b> WB 1:1000-1:9000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> transcriptional adaptor 3 (NGG1 homolog, yeast)-like	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 41 kDa	
<b>Immunogen Catalog Number:</b> AG1276	<b>Observed MW:</b> 49 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, NIH/3T3 cells, human brain tissue, Jurkat cells IHC : human prostate cancer tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

TADA3 is a subunit of 2 histone acetyltransferase complexes: the ADA2A (TADA2A)-containing (ATAC) complex and the SPT3 (SUPT3H)-TAF9-GCN5 (KAT2A)/PCAF (KAT2B) acetylase (STAGA) complex. The ATAC complex is a complex with histone acetyltransferase activity on histones H3 and H4, and the PCAF complex is capable of efficiently acetylating histones in a nucleosomal context. TADA3 is also known as a coactivator for p53/TP53-dependent transcriptional activation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Siyuan Sun	38001062	Nat Commun	WB

## Storage

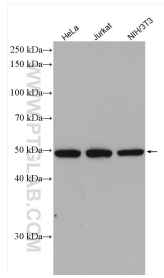
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

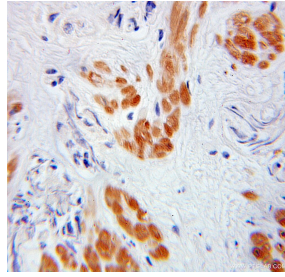
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10839-1-AP (TADA3L antibody) at dilution of 1:4500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10839-1-AP (TADA3L antibody) at dilution of 1:100 (under 10x lens).