

For Research Use Only

# CITED1 Polyclonal antibody

Catalog Number: 26999-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 26999-1-AP	<b>GenBank Accession Number:</b> BC004240	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 1000 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4435	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:500-1:2000 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99966	
<b>Isotype:</b> IgG	<b>Full Name:</b> Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1	
<b>Immunogen Catalog Number:</b> AG24643	<b>Calculated MW:</b> 27 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, IP, IHC, ELISA, IF/ICC, FC (Intra)	<b>Positive Controls:</b> WB : rat testis tissue, A375 cells, mouse testis tissue IP : A375 cells, IHC : human colon cancer tissue, human thyroid cancer tissue, rat testis tissue IF/ICC : HEK-293 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, rat, 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

CITED1, also named as MSG1, belongs to the CITED family. CITED1 is a bifunctional transcriptional cofactor which is able to activate or repress transcription in association with other transcription factors. The CITED1 gene encodes a 27 kDa protein, but a 30 kDa band was also detected in the publication. The elevation of CITED1 may be directly associated with the preneoplastic phenotype (PMID: 23935526, 15272279, 15843474).

## Notable Publications

Author	Pubmed ID	Journal	Application
Xin Gu	37616343	Science	WB

## Storage

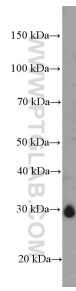
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

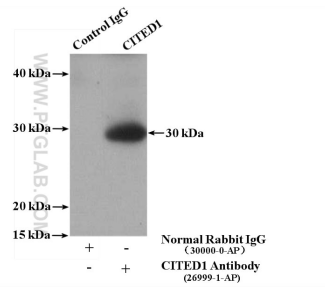
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

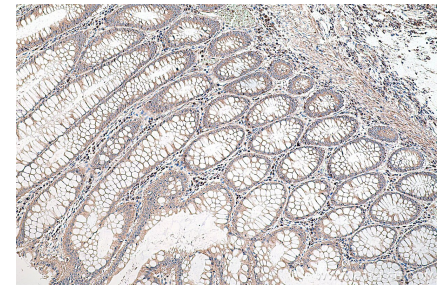
## Selected Validation Data



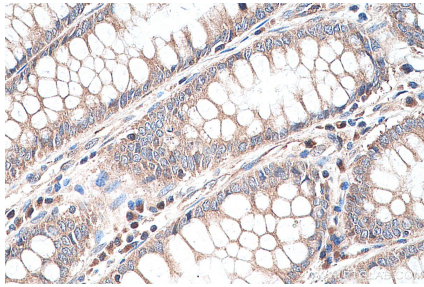
rat testis tissue were subjected to SDS PAGE followed by western blot with 26999-1-AP (CITED1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



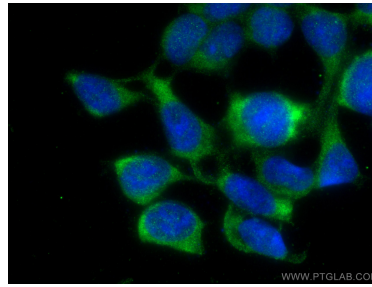
IP result of anti-CITED1 (IP:26999-1-AP, 4ug; Detection:26999-1-AP 1:300) with A375 cells lysate 3000ug.



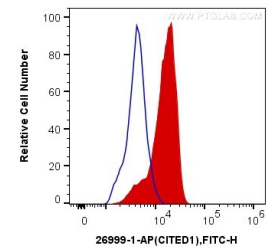
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26999-1-AP (CITED1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26999-1-AP (CITED1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CITED1 antibody (26999-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



$1 \times 10^6$  HEK-293T cells were intracellularly stained with 0.4 ug Anti-Human CITED1 (26999-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).