

For Research Use Only

# MED19 Polyclonal antibody

Catalog Number: 13418-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 13418-1-AP	<b>GenBank Accession Number:</b> BC037223	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 650 µg/ml by Nanodrop and 480 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 219541	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> mediator complex subunit 19	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 194 aa, 20 kDa	
<b>Immunogen Catalog Number:</b> AG4165	<b>Observed MW:</b> 31 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : human testis tissue, IHC : human testis tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<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

Mediator of RNA polymerase II transcription subunit 19 (MED19) is a component of the Mediator complex, which is a coactivator for DNA-binding factors that activate transcription via RNA polymerase II (PMID: 12584197). Mediator complex is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional pre-initiation complex with RNA polymerase II and the general transcription factors (PMID: 15175163). MED19 may be a novel proliferation regulator that promotes lung cancer and gastric cancer progression and cellular growth (PMID: 21519921, PMID: 22565189).

## Notable Publications

Author	Pubmed ID	Journal	Application
Beibei Liu	30161287	J Cell Biochem	WB
Chen Chen	37650745	J Biochem Mol Toxicol	WB

## Storage

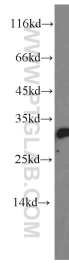
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

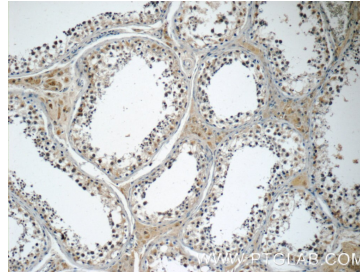
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

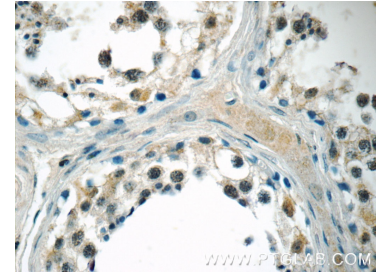
## Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 13418-1-AP (MED19 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 13418-1-AP (MED19 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 13418-1-AP (MED19 Antibody) at dilution of 1:50 (under 40x lens).