

For Research Use Only

# MED19 Polyclonal antibody

Catalog Number: 13418-1-AP

Featured Product

4 Publications



## Basic Information

Catalog Number:

13418-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4165

GenBank Accession Number:

BC037223

GeneID (NCBI):

219541

UNIPROT ID:

A0JLT2

Full Name:

mediator complex subunit 19

Calculated MW:

194 aa, 20 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

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

Positive Controls:

WB : human testis tissue,

IHC : human testis tissue,

## 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
Zhenning Wang	39603240	Mol Cell	
Haopeng Wang	38371458	Int J Nanomedicine	IHC, 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

For technical support and original validation data for this product please contact:

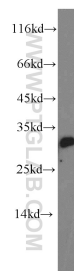
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

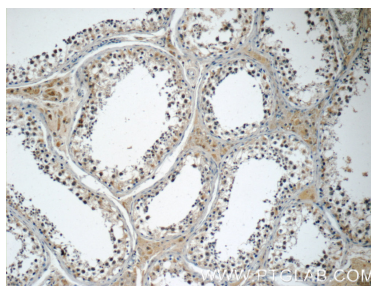
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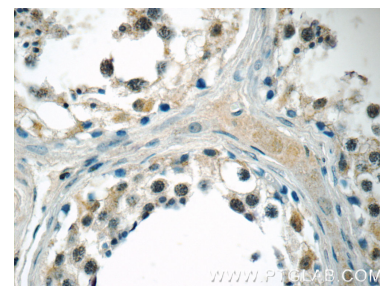
## Selected Validation Data



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).