

For Research Use Only

MED19 Polyclonal antibody

Catalog Number: 13418-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 13418-1-AP	GenBank Accession Number: BC037223	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 650 µg/ml by Nanodrop and 480 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 219541	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: A0JLT2	
Isotype: IgG	Full Name: mediator complex subunit 19	
Immunogen Catalog Number: AG4165	Calculated MW: 194 aa, 20 kDa	
	Observed MW: 31 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : human testis tissue, IHC : human testis tissue,
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	

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
Haopeng Wang	38371458	Int J Nanomedicine	IHC, WB
Chen Chen	37650745	J Biochem Mol Toxicol	WB

Storage

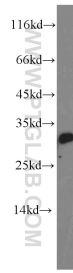
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

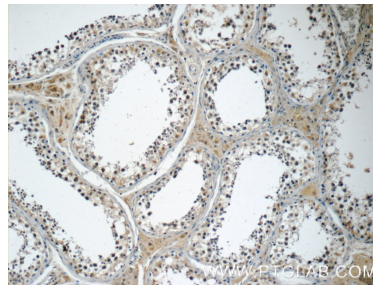
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

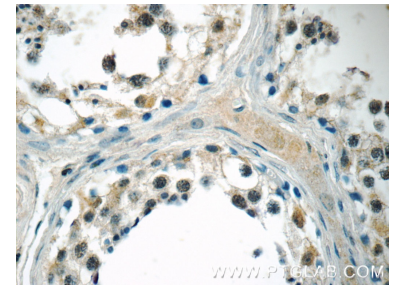
Selected Validation Data



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).