

For Research Use Only

MED23 Polyclonal antibody

Catalog Number: 27850-1-AP

1 Publications



Basic Information

Catalog Number: 27850-1-AP	GenBank Accession Number: BC060759	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop;	GeneID (NCBI): 9439	Recommended Dilutions: WB 1:500-1:2000 IHC 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9ULK4	
Isotype: IgG	Full Name: mediator complex subunit 23	
Immunogen Catalog Number: AG27241	Calculated MW: 156 kDa	
	Observed MW: 140 kDa, 50 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : SH-SY5Y cells, A375 cells, U2OS cells
Cited Applications: WB	IHC : human stomach tissue,
Species Specificity: human	
Cited Species: mouse	

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

MED23 is a component of the Mediator complex, it is a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Xu Wang	34161765	Cell Rep	WB

Storage

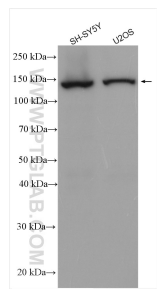
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

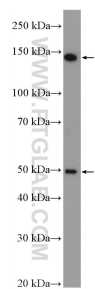
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

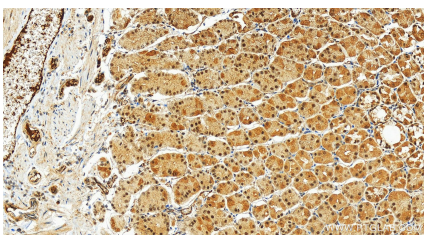
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27850-1-AP (MED23 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



A375 cells were subjected to SDS PAGE followed by western blot with 27850-1-AP (MED23 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 27850-1-AP (MED23 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).