

For Research Use Only

MED8 Polyclonal antibody

Catalog Number: 12182-1-AP **1 Publications**



Basic Information

Catalog Number: 12182-1-AP	GenBank Accession Number: BC010543	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 573 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 112950	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: mediator complex subunit 8	
Isotype: IgG	Calculated MW: 212 aa, 23 kDa	
Immunogen Catalog Number: AG2827	Observed MW: 29 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HepG2 cells, mouse liver tissue, SGC-7901 cells
Cited Applications: WB	IHC : human brain tissue,
Species Specificity: human, mouse	
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

MED8, a component of the Mediator complex, is a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. It plays a role as a target recruitment subunit in E3 ubiquitin-protein ligase complexes and thus in ubiquitination and subsequent proteasomal degradation of target proteins. MED8 has three isoforms with MW 19 kDa, 29 kDa and 33 kDa. And the ubiquitination form will be 38-43 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Wen-Shuai Tang	34233190	Cell Rep	WB

Storage

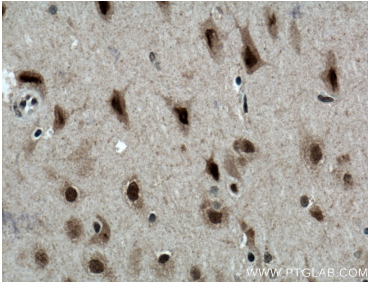
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

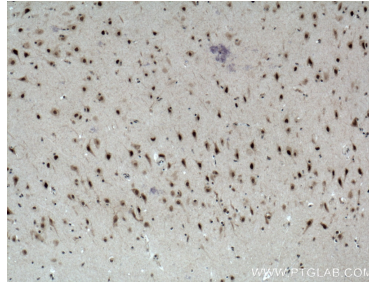
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 12182-1-AP (MED8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 12182-1-AP (MED8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HepG2 cells were subjected to SDS PAGE followed by western blot with 12182-1-AP (MED8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.