

For Research Use Only

# MED8 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 12182-1-AP	<b>GenBank Accession Number:</b> BC010543	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 112950	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96G25	
<b>Isotype:</b> IgG	<b>Full Name:</b> mediator complex subunit 8	
<b>Immunogen Catalog Number:</b> AG2827	<b>Calculated MW:</b> 212 aa, 23 kDa	
	<b>Observed MW:</b> 29 kDa	

## Applications

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

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

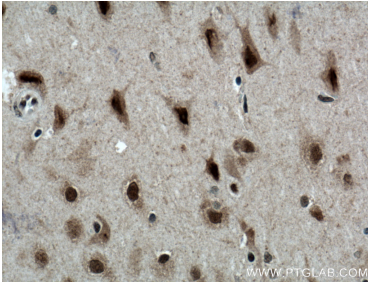
## Storage

**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

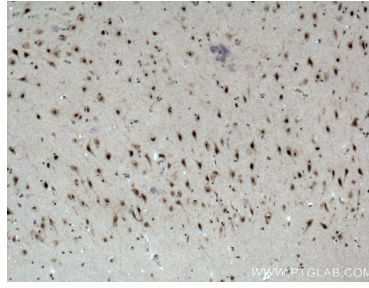
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## Selected Validation Data



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.