

For Research Use Only

MED8 Polyclonal antibody

Catalog Number: 12182-1-AP

1 Publications



Basic Information

Catalog Number:

12182-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 573 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2827

GenBank Accession Number:

BC010543

GeneID (NCBI):

112950

UNIPROT ID:

Q96G25

Full Name:

mediator complex subunit 8

Calculated MW:

212 aa, 23 kDa

Observed MW:

29 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

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

Positive Controls:

WB : HepG2 cells, mouse liver tissue, SGC-7901 cells

IHC : human brain tissue,

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

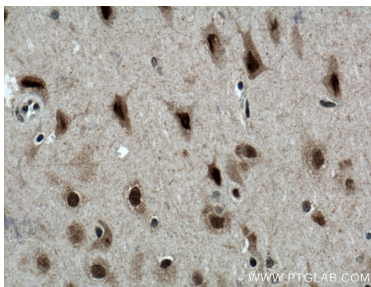
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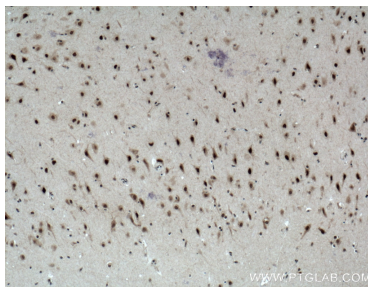
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W: ptglab.com

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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.