

For Research Use Only

# MOAP1 Polyclonal antibody

Catalog Number: 15325-1-AP

2 Publications



## Basic Information

Catalog Number:

15325-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2876

GenBank Accession Number:

BC015044

GeneID (NCBI):

64112

UNIPROT ID:

Q96BY2

Full Name:

modulator of apoptosis 1

Calculated MW:

39 kDa

Observed MW:

36-39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, 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 : mouse brain tissue, rat brain tissue

IHC : mouse brain tissue,

## Background Information

Modulator of apoptosis 1 (MOAP1, also known as MAP-1 and PNMA4) belongs to the PNMA family and is expressed in various types of tissues (PMID: 36724555). MAP1 contains a central BH3-like motif and interacts with the BAX protein (PMID: 11060313). It plays a central role in mitochondria and death receptor-mediated apoptosis and is associated with many diseases such as cancers and neurological diseases (PMID: 35269511).

## Notable Publications

Author	Pubmed ID	Journal	Application
Luke Berchowitz	39041030	Res Sq	WB
Thomas W P Wood	38798495	bioRxiv	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

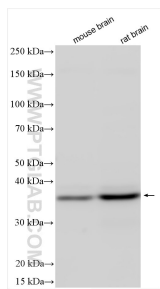
For technical support and original validation data for this product please contact:

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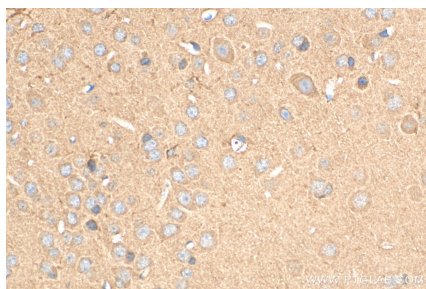
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15325-1-AP (MOAP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15325-1-AP (MOAP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15325-1-AP (MOAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).