MOAP1 Polyclonal antibody

Catalog Number:15325-1-AP

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Basic Information

Catalog Number: 15325-1-AP	**GenBank Accession Number:** BC015044	**Purification Method:** Antigen affinity purification
Size: 500 μg/ml	**GeneID (NCBI):** 64112	**Recommended Dilutions:** WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	**UNIPROT ID:** Q96BY2	
Isotype: IgG	**Full Name:** modulator of apoptosis 1	
Immunogen Catalog Number: AG2876	**Calculated MW:** 39 kDa	
	Observed MW: 36-39 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
human, mouse, rat

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
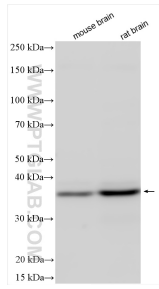
IHC : mouse brain tissue,

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).
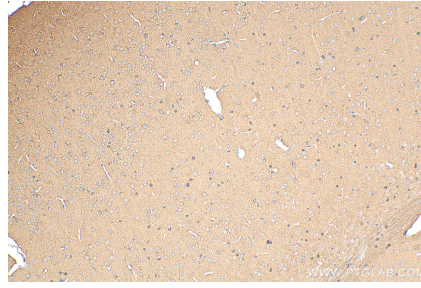
Storage

Storage:
Store at -20℃. 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

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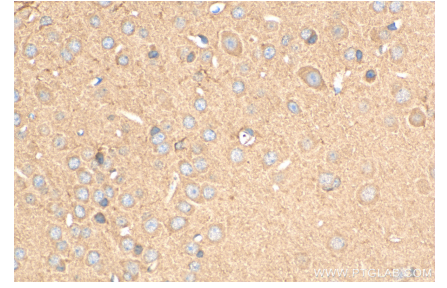
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15325-1-AP (MOAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).