

For Research Use Only

AMZ1 Polyclonal antibody

Catalog Number: 24484-1-AP



Basic Information

Catalog Number:

24484-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20248

GenBank Accession Number:

BC146753

GeneID (NCBI):

155185

UNIPROT ID:

Q400G9

Full Name:

archaelysin family metallopeptidase

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Calculated MW:

498 aa, 55 kDa

Observed MW:

33 kDa, 28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, 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 liver tissue, mouse brain tissue, rat brain tissue

IHC: human heart tissue,

IF: HepG2 cells,

Background Information

AMZ1, also named as KIAA1950, is a new human Zinc metalloproteases. It exhibits aminopeptidase activity against neurogranin in vitro. AMZ1 does not hydrolyze angiotensin-2. It is mainly detected in liver and heart. AMZ1 has some isoforms with MW 55 kDa, 33 kDa, 30 kDa and 28 kDa.

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

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

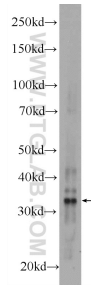
T: 4006900926

E: Proteintech-CN@ptglab.com

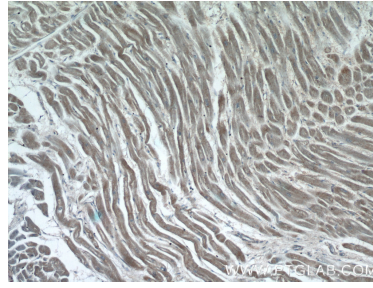
W: ptgcn.com

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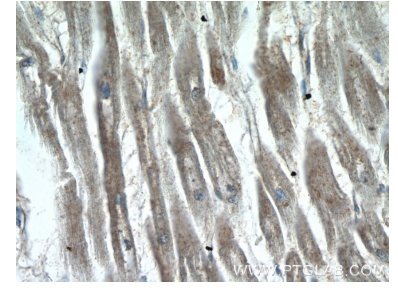
Selected Validation Data



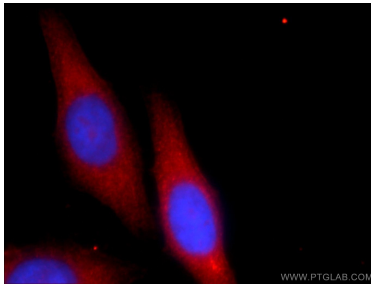
mouse liver tissue were subjected to SDS PAGE followed by western blot with 24484-1-AP (AMZ1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 24484-1-AP (AMZ1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 24484-1-AP (AMZ1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 24484-1-AP (AMZ1 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.