

For Research Use Only

AMZ1 Polyclonal antibody

Catalog Number: 24484-1-AP



Basic Information

Catalog Number: 24484-1-AP	GenBank Accession Number: BC146753	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 155185	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q400G9	
Isotype: IgG	Full Name: archaelysin family metallopeptidase 1	
Immunogen Catalog Number: AG20248	Calculated MW: 498 aa, 55 kDa	
	Observed MW: 33 kDa, 28 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, 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/ICC: 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

*** 20ul sizes contain 0.1% BSA

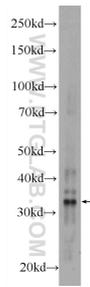
For technical support and original validation data for this product please contact:

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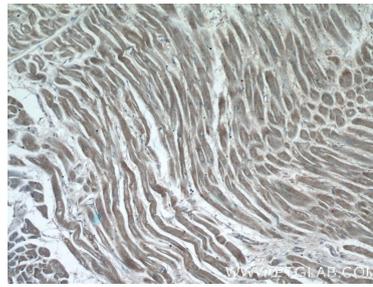
E: proteintech@ptglab.com
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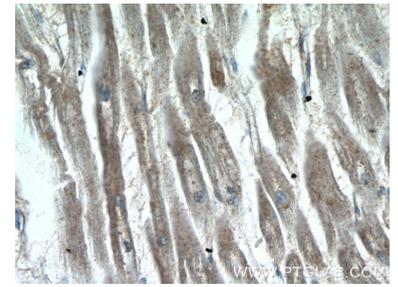
Selected Validation Data



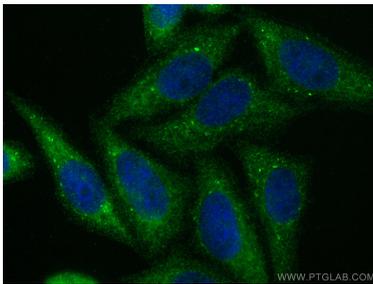
mouse liver tissue were subjected to SDS PAGE followed by western blot with 24484-1-AP (AMZ1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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 (-20°C Ethanol) fixed HepG2 cells using AMZ1 antibody (24484-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).