

For Research Use Only

AMZ2 Polyclonal antibody

Catalog Number: 16664-1-AP



Basic Information

Catalog Number: 16664-1-AP	GenBank Accession Number: BC056271	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51321	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: archaelysin family metallopeptidase 2	
Isotype: IgG	Calculated MW: 360 aa, 41 kDa	
Immunogen Catalog Number: AG10141	Observed MW: 41 kDa	

Applications

Tested Applications:

IF, 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 : HepG2 cells, human brain tissue

IHC : human liver tissue, human heart tissue, human placenta tissue, human testis tissue, human skin tissue, human brain tissue, human spleen tissue, human ovary tissue

IF : HepG2 cells,

Background Information

AMZ2(archaelysin family metallopeptidase 2) is a zinc metalloprotease. Its calculated molecular weight and observed molecular weight are both 41kDa.

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

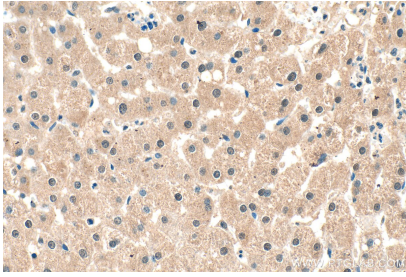
For technical support and original validation data for this product please contact:

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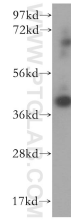
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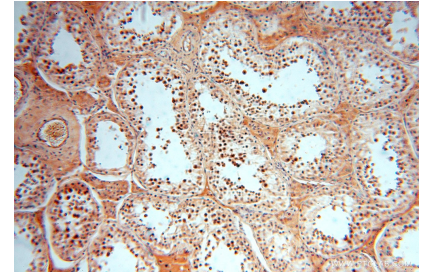
Selected Validation Data



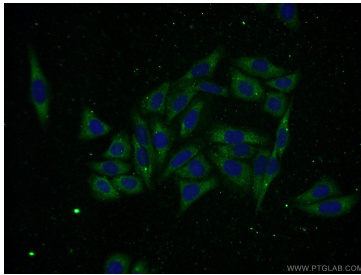
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16664-1-AP (AMZ2 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HepG2 cells were subjected to SDS PAGE followed by western blot with 16664-1-AP (AMZ2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 16664-1-AP (AMZ2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 16664-1-AP (AMZ2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).