

For Research Use Only

# AMZ2 Polyclonal antibody

Catalog Number: 16664-1-AP



## Basic Information

<b>Catalog Number:</b> 16664-1-AP	<b>GenBank Accession Number:</b> BC056271	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 700 µg/ml	<b>GeneID (NCBI):</b> 51321	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86W34	
<b>Isotype:</b> IgG	<b>Full Name:</b> archaelysin family metallopeptidase 2	
<b>Immunogen Catalog Number:</b> AG10141	<b>Calculated MW:</b> 360 aa, 41 kDa	
	<b>Observed MW:</b> 41 kDa	

## 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 :** 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

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

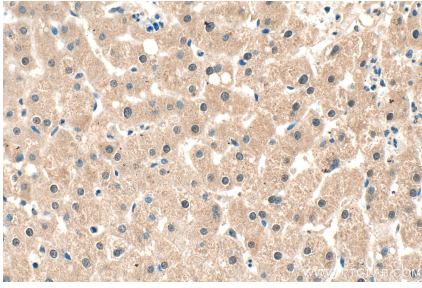
T: 4006900926

E: Proteintech-CN@ptglab.com

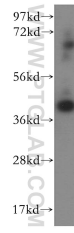
W: ptgcn.com

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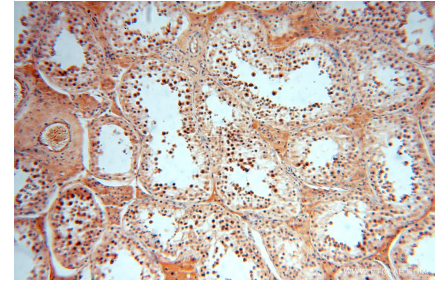
## Selected Validation Data



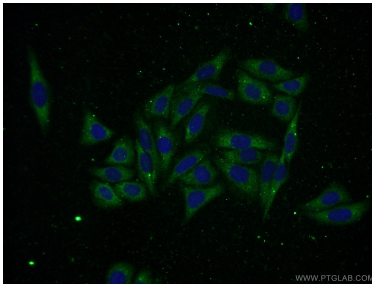
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16664-1-AP (AMZ2 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).