

For Research Use Only

# DNAJC2/MPP11 Polyclonal antibody



Catalog Number: 11971-1-AP

2 Publications

## Basic Information

<b>Catalog Number:</b> 11971-1-AP	<b>GenBank Accession Number:</b> BC056682	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 27000	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> DnaJ (Hsp40) homolog, subfamily C, member 2	<b>IHC 1:50-1:500</b> <b>IF 1:10-1:100</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 72 kDa	
<b>Immunogen Catalog Number:</b> AG2594	<b>Observed MW:</b> 66-75 kDa	

## Applications

### Tested Applications:

IF, IHC, IP, WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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:** K-562 cells, HEK-293 cells, HeLa cells, HepG2 cells, mouse liver tissue, PC-3 cells

**IP:** mouse liver tissue,

**IHC:** human liver cancer tissue,

**IF:** HepG2 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Guiyou Tian	34010456	EMBO J	WB
Mohamed Alalem	36077724	Cancers (Basel)	WB

## 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

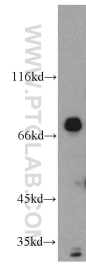
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

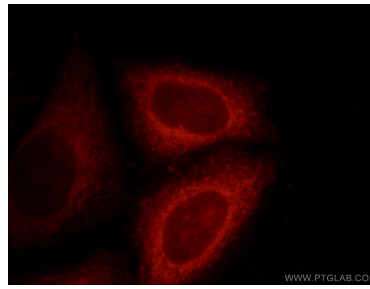
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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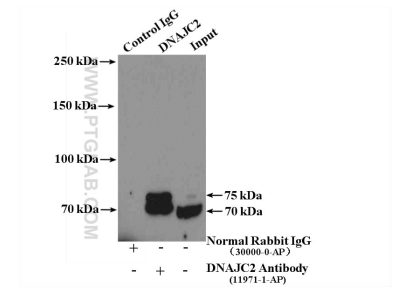
## Selected Validation Data



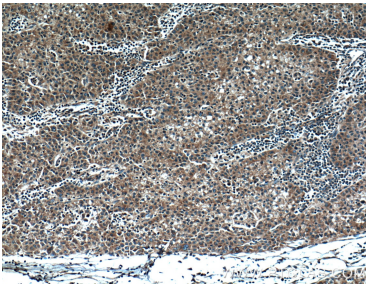
K-562 cells were subjected to SDS PAGE followed by western blot with 11971-1-AP (DNAJC2/MPP11 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



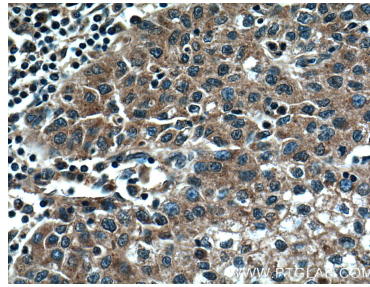
Immunofluorescent analysis of HepG2 cells, using DNAJC2 antibody 11971-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-DNAJC2/MPP11 (IP:11971-1-AP, 4ug; Detection:11971-1-AP 1:1000) with mouse liver tissue lysate 6000ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11971-1-AP (DNAJC2/MPP11 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 human liver cancer tissue slide using 11971-1-AP (DNAJC2/MPP11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).