

For Research Use Only

# DNAJA1 Polyclonal antibody

Catalog Number: 11713-1-AP

Featured Product

7 Publications



## Basic Information

<b>Catalog Number:</b> 11713-1-AP	<b>GenBank Accession Number:</b> BC008182	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3301	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> DnaJ (Hsp40) homolog, subfamily A, member 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 397 aa, 45 kDa	
<b>Immunogen Catalog Number:</b> AG2284	<b>Observed MW:</b> 45 kDa	

## Applications

### Tested Applications:

IF, WB, ELISA

### Cited Applications:

IF, IP, WB

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

WB : HEK-293 cells, human testis tissue, HepG2 cells, human liver tissue, Jurkat cells, mouse lung tissue, mouse kidney tissue, rat kidney tissue

IF : HepG2 cells,

## Background Information

DNAJA1 is a member of the DnaJ proteins (also known as Hsp40 or Hsc40) which are cochaperones to DnaK (Hsp70) and function to modulate protein assembly, disassembly, and translocation. DNAJA1 has been reported to get involved in various processes, including virus infection, tau clearance, and mutant p53 degradation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yajuan Zhang	34720086	J Clin Invest	WB
Jiawei Zhang	35595767	Nat Commun	WB,IP
Claudio Rodríguez-González	32424160	Sci Rep	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

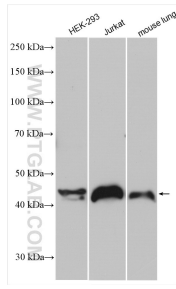
For technical support and original validation data for this product please contact:

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

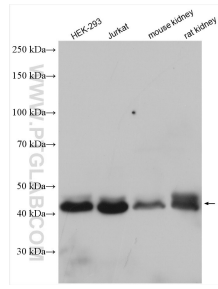
E: proteintech@ptglab.com  
W: ptglab.com

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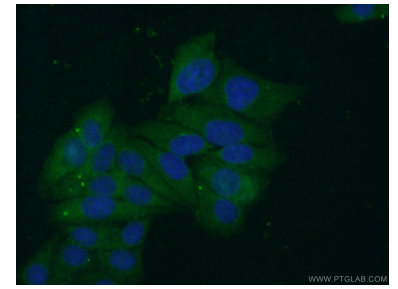
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11713-1-AP (DNAJA1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 11713-1-AP (DNAJA1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 11713-1-AP (DNAJA1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).