

# DNAJA1 Polyclonal antibody

Catalog Number: 11713-1-AP

Featured Product

13 Publications

## Basic Information

Catalog Number:	11713-1-AP	GenBank Accession Number:	BC008182	Purification Method:
Source:	Rabbit	GenID (NCBI):	3301	Antigen affinity purification
Isotype:	IgG	UNIPROT ID:	P31689	Recommended Dilutions:
Immunogen Catalog Number:	AG2284	Full Name:	DnaJ (Hsp40) homolog, subfamily A, member 1	WB: 1:1000-1:8000 IHC: 1:50-1:500 IF/ICC: 1:50-1:500
		Calculated MW:	397 aa, 45 kDa	
		Observed MW:	45 kDa	

## Applications

Tested Applications:	WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications:	WB, IF, IP	WB : HEK-293 cells, human testis tissue, HepG2 cells, human liver tissue, HeLa cells, Jurkat cells, mouse kidney tissue, rat kidney tissue, mouse lung tissue, NIH/3T3 cells
Species Specificity:	human, mouse, rat	IHC : human stomach tissue,
Cited Species:	human, mouse, rat	IF/ICC : HepG2 cells,
<p><b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b></p>		

## 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.

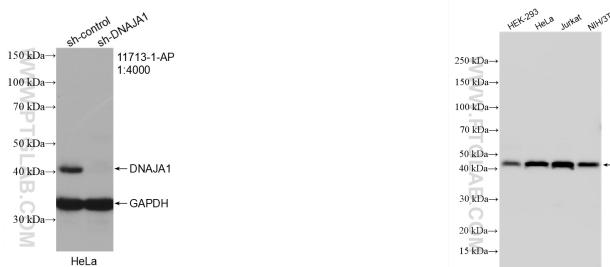
## Notable Publications

Author	Pubmed ID	Journal	Application
Shan Lu	36075972	Nat Cell Biol	IF
Yajuan Zhang	34720086	J Clin Invest	WB
Jiawei Zhang	35595767	Nat Commun	WB,IP

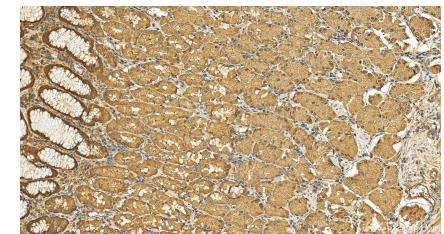
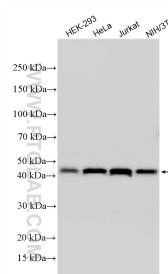
## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

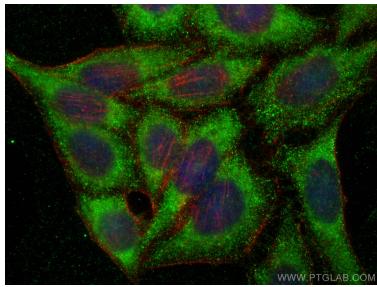
## Selected Validation Data



WB result of DNAJA1 antibody (11713-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNAJA1 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 11713-1-AP (DNAJA1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DNAJA1 antibody (11713-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).