

For Research Use Only

# DNAJB1 Recombinant antibody, PBS Only



Catalog Number: 82676-1-PBS

## Basic Information

<b>Catalog Number:</b> 82676-1-PBS	<b>GenBank Accession Number:</b> BC019827	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3337	<b>CloneNo.:</b> 4K3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P25685	
<b>Isotype:</b> IgG	<b>Full Name:</b> DnaJ (Hsp40) homolog, subfamily B, member 1	
<b>Immunogen Catalog Number:</b> AG3830	<b>Calculated MW:</b> 340 aa, 40 kDa	
	<b>Observed MW:</b> 37-40 kDa	

## Applications

**Tested Applications:**  
WB, IP, IF, IHC, Indirect ELISA

**Species Specificity:**  
Human, mouse, rat

## Background Information

DNAJB1 is a member of the heat shock 40 protein family and has been involved in a variety of cellular processes, including the proteasome pathway, endoplasmic reticulum stress and viral infection. DNAJB1-PRKACA gene fusions have been considered diagnostic for fibrolamellar hepatocellular carcinoma.

## Storage

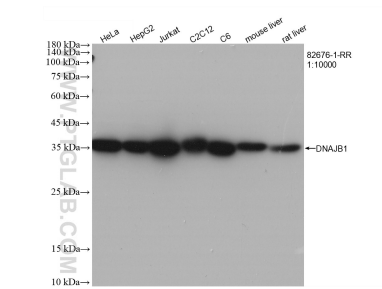
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

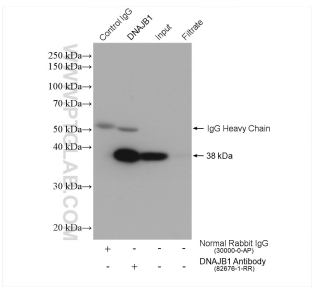
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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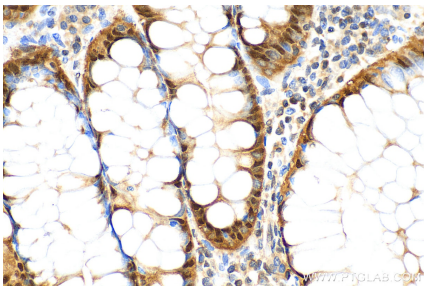
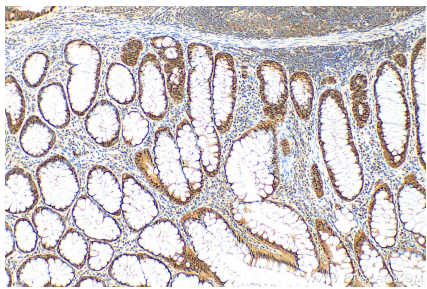
Selected Validation Data



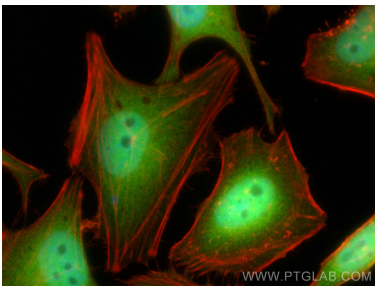
Various lysates were subjected to SDS PAGE followed by western blot with 82676-1-RR (DNAJB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82676-1-PBS in a different storage buffer formulation.



IP result of anti-DNAJB1 (IP:82676-1-RR, 4ug; Detection:82676-1-RR 1:5000) with mouse lung tissue lysate 1120 ug. This data was developed using the same antibody clone with 82676-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 82676-1-RR (DNAJB1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82676-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DNAJB1 antibody (82676-1-RR, Clone: 4K3 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 82676-1-PBS in a different storage buffer formulation.