

For Research Use Only

DNAJB1 Recombinant antibody, PBS Only



Catalog Number: 82676-1-PBS

Basic Information

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

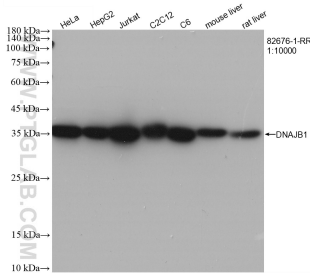
For technical support and original validation data for this product please contact:

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

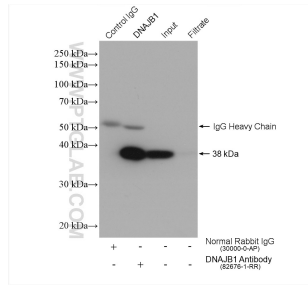
E: proteintech@ptglab.com
W: ptglab.com

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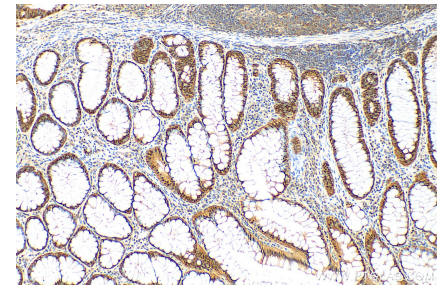
Selected Validation Data



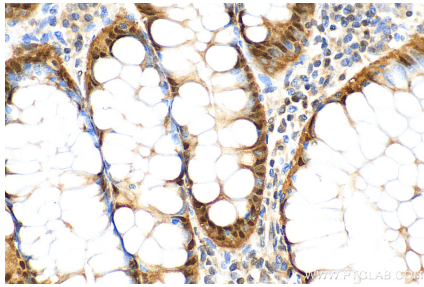
Various lysates were subjected to SDS PAGE followed by western blot with 82676-1-RR (DNAJB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82676-1-PBS in a different storage buffer formulation.



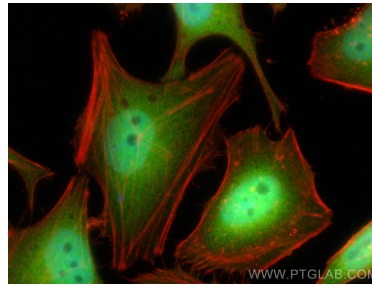
IP result of anti-DNAJB1 (IP:82676-1-RR, 4ug; Detection:82676-1-RR 1:5000) with mouse lung tissue lysate 1120 ug. This data was developed using the same antibody clone with 82676-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 82676-1-RR (DNAJB1 antibody) at dilution of 1:2000 (under 10x 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.



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.