

For Research Use Only

DNAJB1 Recombinant antibody

Catalog Number: 82676-1-RR



Basic Information

Catalog Number: 82676-1-RR	GenBank Accession Number: BC019827	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3337	CloneNo.: 4K3
Source: Rabbit	UNIPROT ID: P25685	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: DnaJ (Hsp40) homolog, subfamily B, member 1	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Immunogen Catalog Number: AG3830	Calculated MW: 340 aa, 40 kDa	IHC 1:1000-1:4000
	Observed MW: 37-40 kDa	IF 1:200-1:800

Applications

Tested Applications:
IF/ICC, IHC, IP, WB, ELISA

Species Specificity:
Human, mouse, rat

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: HeLa cells, HepG2 cells, Jurkat cells, C2C12 cells, C6 cells, mouse liver tissue, rat liver tissue

IP: mouse lung tissue,

IHC: human colon cancer tissue,

IF: HeLa cells,

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 -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:

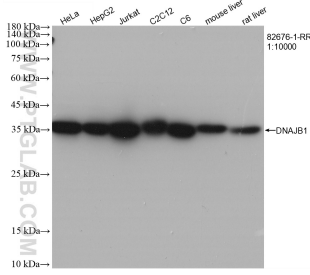
T: 4006900926

E: Proteintech-CN@ptglab.com

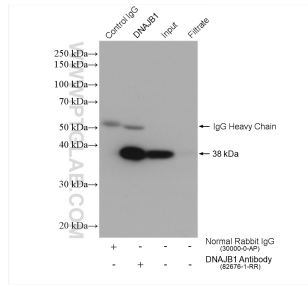
W: ptgcn.com

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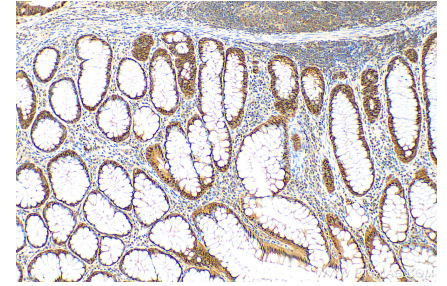
Selected Validation Data



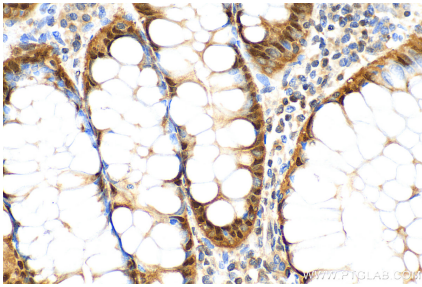
Various lysates were subjected to SDS PAGE followed by western blot with 82676-1-RR (DNAJB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



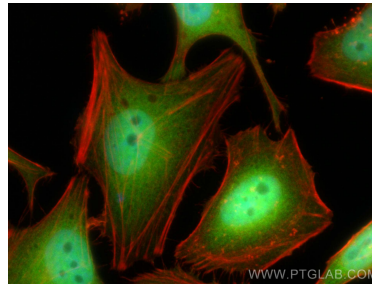
IP result of anti-DNAJB1 (IP:82676-1-RR, 4ug; Detection:82676-1-RR 1:5000) with mouse lung tissue lysate 1120 ug.



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).



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).



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).