

For Research Use Only

# DNAJC7 Polyclonal antibody

Catalog Number: 11090-1-AP

Featured Product

7 Publications



## Basic Information

**Catalog Number:**

11090-1-AP

**Size:**

550 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1572

**GenBank Accession Number:**

BC011837

**GeneID (NCBI):**

7266

**UNIPROT ID:**

Q99615

**Full Name:**

DnaJ (Hsp40) homolog, subfamily C, member 7

**Calculated MW:**

56 kDa

**Observed MW:**

56 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IHC 1:50-1:500

IF 1:10-1:100

## Applications

**Tested Applications:**

FC, IF/ICC, IHC, WB, ELISA

**Cited Applications:**

WB, IF, CoIP

**Species Specificity:**

human, mouse

**Cited Species:**

human, mouse

**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:** A549 cells, HEK-293 cells, Jurkat cells, mouse testis

**IHC:** human pancreas cancer tissue,

**IF:** HepG2 cells,

## Background Information

DnaJC7, otherwise referred to as Tpr2 or CCRP, is a conserved, type of J protein that is highly expressed within the brain. DnaJC7 has been found to modulate the flow of substrates from Hsp70 to Hsp90, providing a control mechanism in proteins such as glucocorticoids and progesterone receptor.

## Notable Publications

Author	Pubmed ID	Journal	Application
Alexander Siebert	36114006	Life Sci Alliance	WB
Zhiqiang Hou	34504072	Nat Commun	CoIP
Kosuke Yokobori	31202736	Biochem Pharmacol	WB,IF

## 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:

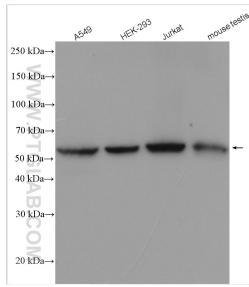
T: 4006900926

E: Proteintech-CN@ptglab.com

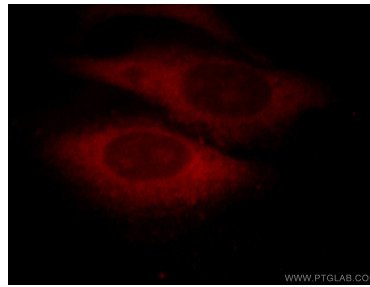
W: ptgcn.com

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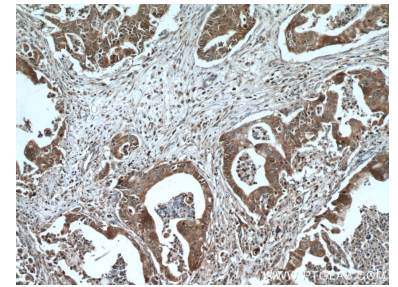
## Selected Validation Data



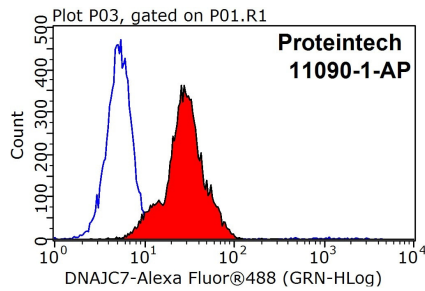
Various lysates were subjected to SDS PAGE followed by western blot with 11090-1-AP (DNAJC7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using DNAJC7 antibody 11090-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11090-1-AP (DNAJC7 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug DNAJC7 antibody (11090-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.