

For Research Use Only

DNAJC7 Polyclonal antibody

Catalog Number: 11090-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 11090-1-AP	GenBank Accession Number: BC011837	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7266	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: DnaJ (Hsp40) homolog, subfamily C, member 7	
Isotype: IgG	Calculated MW: 56 kDa	
Immunogen Catalog Number: AG1572	Observed MW: 56 kDa	

Applications

Tested Applications: FC, IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: CoIP, IF, WB	WB: A549 cells, HEK-293 cells, Jurkat cells, mouse testis
Species Specificity: human, mouse	IHC: human pancreas cancer tissue,
Cited Species: human, mouse	IF: HepG2 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

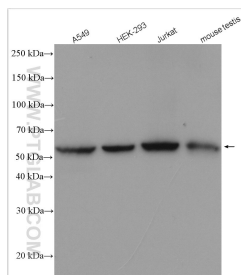
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

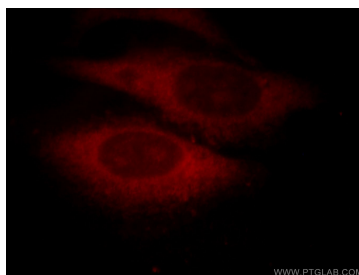
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

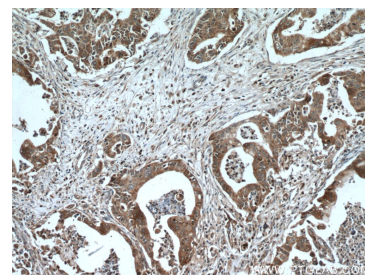
Selected Validation Data



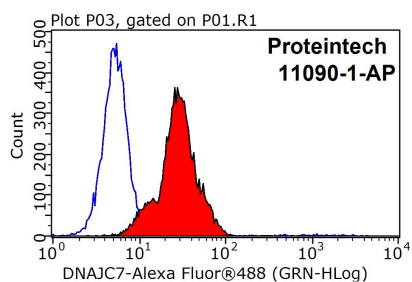
Various lysates were subjected to SDS PAGE followed by western blot with 11090-1-AP (DNAJC7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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)).



1×10^6 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.