

For Research Use Only

DNAJC7 Polyclonal antibody

Catalog Number: 11090-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

11090-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

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

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, 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

IP : HEK-293 cells,

IHC : human pancreas cancer tissue,

IF/ICC : 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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

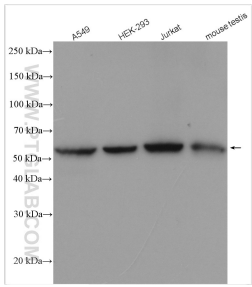
For technical support and original validation data for this product please contact:

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.

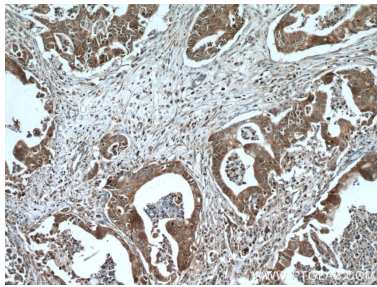
Selected Validation Data



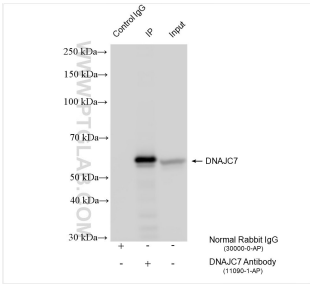
Various lysates were subjected to SDS PAGE followed by western blot with 11090-1-AP (DNAJC7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DNAJC7 antibody (11090-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (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).



IP result of anti-DNAJC7 (IP:11090-1-AP, 4ug; Detection:11090-1-AP 1:8000) with HEK-293 cells lysate 1440 ug.