

For Research Use Only

DNAJC7 Recombinant antibody, PBS Only

Catalog Number: 85157-4-PBS



Basic Information

Catalog Number:

85157-4-PBS

Concentration:

1 mg/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:

Protein A purification

CloneNo.:

242875B3

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse, rat

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.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

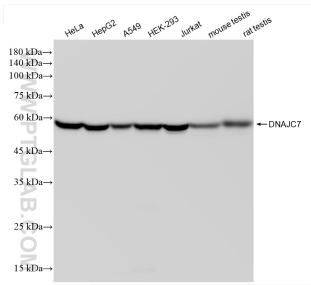
T: 4006900926

E: Proteintech-CN@ptglab.com

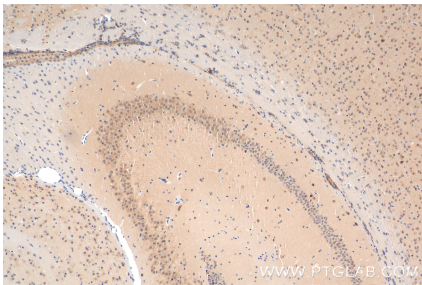
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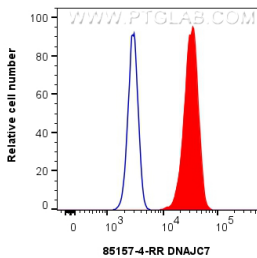
Selected Validation Data



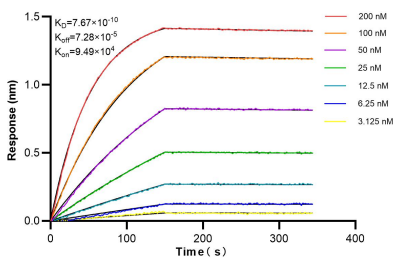
Various lysates were subjected to SDS PAGE followed by western blot with 85157-4-RR (DNAJC7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85157-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DNAJC7 antibody (85157-4-RR, Clone: 242875B3) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85157-4-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug DNAJC7 Recombinant antibody (85157-4-RR, Clone:242875B3) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 85157-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85157-4-RR against Human DNAJC7 were performed. The affinity constant is 0.767 nM.