

For Research Use Only

DNAJC7 Recombinant antibody, PBS Only

Catalog Number: 85157-4-PBS



Basic Information

Catalog Number: 85157-4-PBS	GenBank Accession Number: BC011837	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7266	CloneNo.: 242875B3
Source: Rabbit	UNIPROT ID: Q99615	
Isotype: IgG	Full Name: DnaJ (Hsp40) homolog, subfamily C, member 7	
Immunogen Catalog Number: AG1572	Calculated MW: 56 kDa	
	Observed MW: 56 kDa	

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

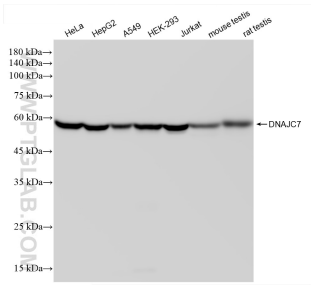
Storage:
Store at -80°C.

Storage Buffer:
PBS only

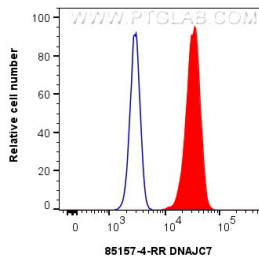
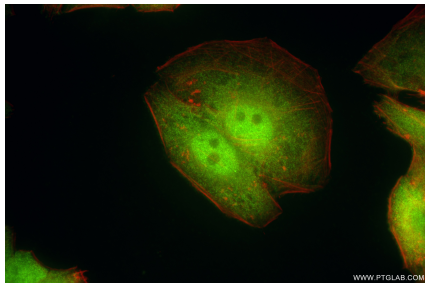
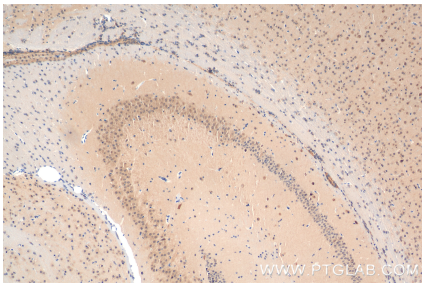
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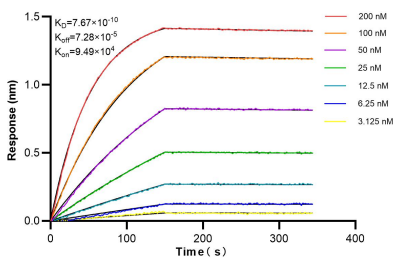
Selected Validation Data



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.



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



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