

For Research Use Only

Hsc70 Recombinant antibody, PBS Only



Catalog Number: 81719-2-PBS

Featured Product

Basic Information

Catalog Number: 81719-2-PBS	GenBank Accession Number: BC007276	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3312	CloneNo.: 3H9
Source: Rabbit	UNIPROT ID: P11142	
Isotype: IgG	Full Name: heat shock 70kDa protein 8	
Immunogen Catalog Number: AG1018	Calculated MW: 70 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

HSPA8 (also known as HSC70) is a member of the HSPA (HSP70) family of heat-shock proteins which are highly conserved chaperons implicated in protein folding, protein refolding, protein transport, and protein targeting. HSPA8 is a constitutively expressed cytosol/nuclear protein able to translocate between cytoplasm and nucleus. Recently it has been reported that HSPA8 can interact with α -synuclein, the critical pathological protein of Parkinson's disease, indicating its implication in neurodegenerative disease. (PMID: 21832061)

Storage

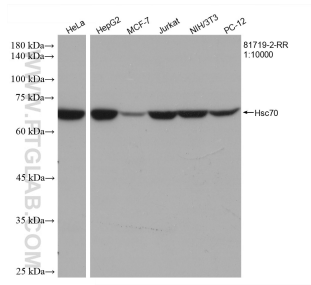
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

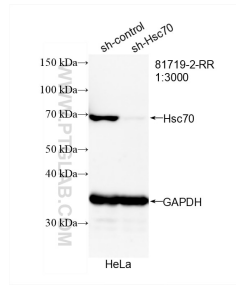
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81719-2-RR (Hsc70 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81719-2-PBS in a different storage buffer formulation.



WB result of Hsc70 antibody (81719-2-RR; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Hsc70 transfected HeLa cells. This data was developed using the same antibody clone with 81719-2-PBS in a different storage buffer formulation.