

For Research Use Only

Hsc70 Recombinant antibody

Catalog Number: 81719-2-RR

Featured Product



Basic Information

Catalog Number: 81719-2-RR	GenBank Accession Number: BC007276	Purification Method: Protein A purification
Size: 500 µg/ml	GeneID (NCBI): 3312	CloneNo.: 3H9
Source: Rabbit	UNIPROT ID: P11142	Recommended Dilutions: WB 1:5000-1:50000
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, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, Jurkat cells, NIH/3T3 cells, MCF-7 cells, PC-12 cells
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 -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

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

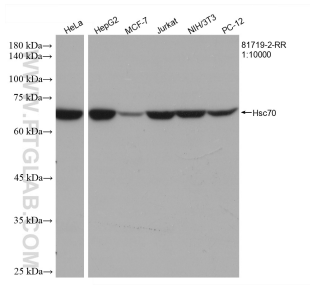
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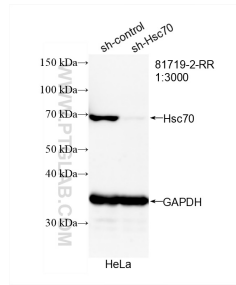
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Selected Validation Data



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.



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.