

For Research Use Only

HSPA13 Recombinant antibody, PBS Only

Catalog Number: 84426-5-PBS



Basic Information

Catalog Number: 84426-5-PBS	GenBank Accession Number: BC036370	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6782	CloneNo.: 241572E4
Source: Rabbit	UNIPROT ID: P48723	
Isotype: IgG	Full Name: heat shock protein 70kDa family, member 13	
Immunogen Catalog Number: AG3349	Calculated MW: 471 aa, 52 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

HSPA13 (Heat shock 70 kDa protein 13), also known as STCH (the stress 70 protein chaperone), is a member of the Hsp70 family of ATPase "stress" or "heat shock" proteins. Human STCH encodes a 60 kDa protein that is highly enriched in the ER. Recently it has been reported that overexpression of the HSPA13 gene reduces prion disease incubation time in mice.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

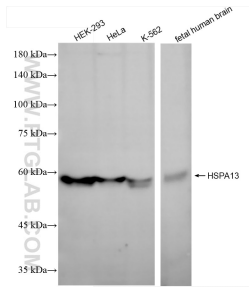
For technical support and original validation data for this product please contact:

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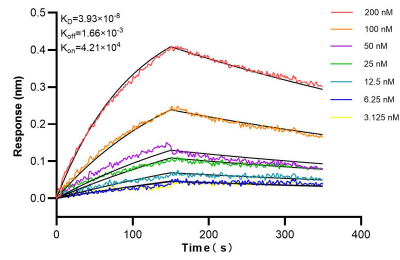
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84426-5-RR (HSPA13 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84426-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84426-5-RR against Human HSPA13 were performed. The affinity constant is 39.3 nM.