

For Research Use Only

HSCB Recombinant antibody

Catalog Number: 85185-4-RR



Basic Information

Catalog Number: 85185-4-RR	GenBank Accession Number: BC065569	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 150274	CloneNo.: 242836H3
Source: Rabbit	UNIPROT ID: Q8IWL3	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: HscB iron-sulfur cluster co-chaperone homolog (E. coli)	
Immunogen Catalog Number: AG7268	Calculated MW: 27 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat liver tissue,
Species Specificity: human, rat	

Background Information

HSCB, also named as HSC20 and DNAJC20, acts as a co-chaperone in iron-sulfur cluster assembly in mitochondria.

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

*** 20ul sizes contain 0.1% BSA

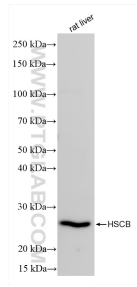
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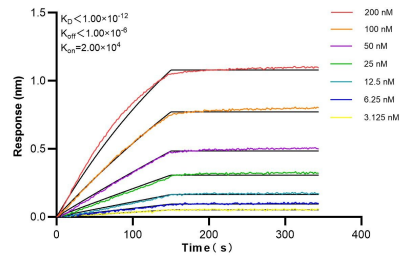
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Selected Validation Data



rat liver tissue were subjected to SDS PAGE followed by western blot with 85185-4-RR (HSCB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85185-4-RR against Human HSCB were performed. The affinity constant is below 1 pM.