

For Research Use Only

SECISBP2 Recombinant antibody

Catalog Number: 86488-1-RR



Basic Information

Catalog Number:	86488-1-RR	GenBank Accession Number:	BC036109	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	79048	CloneNo.:	251311A8
Source:	Rabbit	UNIPROT ID:	Q96T21	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	SECIS binding protein 2		
Immunogen Catalog Number:	AG3541	Calculated MW:	854 aa, 95 kDa		
		Observed MW:	95 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: HeLa cells, HepG2 cells, Jurkat cells, HEK-293
Species Specificity:	cells, PC-3 cells

Background Information

SECISBP2 (also called SECIS-binding protein 2 or SBP2) is an RNA-binding protein that serves as the master regulator of selenoprotein synthesis in eukaryotes. It recognizes and binds the SECIS (SEC Insertion Sequence) stem-loop structure located in the 3'-UTR of all selenoprotein mRNAs, thereby converting the otherwise stop-coding UGA triplet into the 21st amino acid selenocysteine (Sec) during translation.

Storage

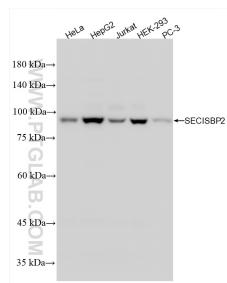
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86488-1-RR (SECISBP2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.