

For Research Use Only

# SECISBP2 Recombinant antibody

Catalog Number: 86488-1-RR



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, Jurkat cells, HEK-293 cells, PC-3 cells
<b>Species Specificity:</b> human	

## 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

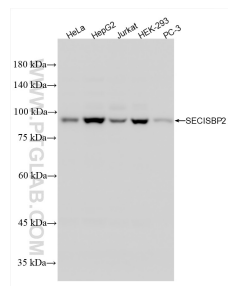
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

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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.