

For Research Use Only

# SECISBP2 Recombinant antibody

Catalog Number: 86488-1-RR



## Basic Information

Catalog Number:

86488-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3541

GenBank Accession Number:

BC036109

GeneID (NCBI):

79048

UNIPROT ID:

Q96T21

Full Name:

SECIS binding protein 2

Calculated MW:

854 aa, 95 kDa

Observed MW:

95 kDa

Purification Method:

Protein A purification

CloneNo.:

251311A8

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, Jurkat cells, HEK-293 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

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

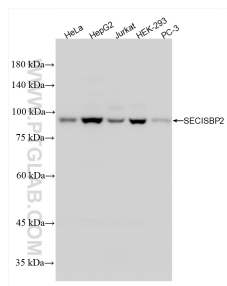
T: 4006900926

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W: [ptgcn.com](http://ptgcn.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.