

For Research Use Only

# SHB Polyclonal antibody, PBS Only

Catalog Number: 31967-1-PBS



## Basic Information

Catalog Number:

31967-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35936

GenBank Accession Number:

BC136581

GeneID (NCBI):

6461

UNIPROT ID:

Q15464

Full Name:

Src homology 2 domain containing adaptor protein B

Calculated MW:

55 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

SH2 domain-containing adapter protein B (SHB) is an adaptor protein that operates downstream of tyrosine kinases. It is crucial in various cellular responses, including cell survival, differentiation, and proliferation (PMID: 29792386). SHB is involved in the modulation of focal adhesion kinase (FAK) signaling, which is important for regulating cell cycle progression in hematopoietic stem cells (PMID: 23528453). The protein has also been implicated in the progression of myeloproliferative disorders by affecting the activity of FAK and other signaling intermediates (PMID: 24952416).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

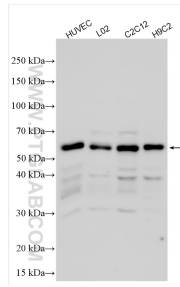
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31967-1-AP (SHB antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31967-1-PBS in a different storage buffer formulation.