

For Research Use Only

# SHB Polyclonal antibody

Catalog Number: 31967-1-AP



## Basic Information

Catalog Number:

31967-1-AP

Size:

350 ug/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

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HUVEC cells, L02 cells, C2C12 cells, H9C2 cells

## 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 -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

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

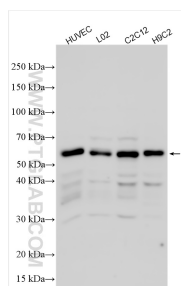
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## Selected Validation Data



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.