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# Datasheet for ABIN6242628 anti-SHB antibody (AA 250-290)

3 Images



## Overview

Quantity:	400 µL
Target:	SHB
Binding Specificity:	AA 250-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

# Product Details

Immunogen:	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 250-290 amino acids from human.
Clone:	RB47168
Isotype:	lgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

# Target Details

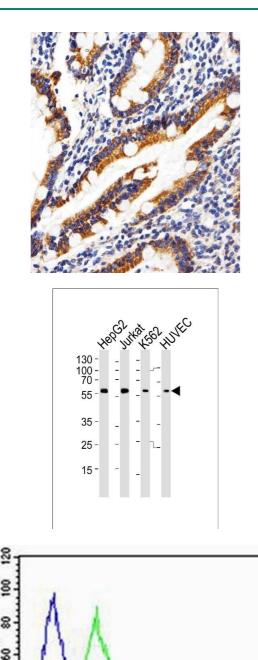
Target:	SHB
Alternative Name:	SHB (SHB Products)

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Target Details	
Background:	Adapter protein which regulates several signal transduction cascades by linking activated receptors to downstream signaling components. May play a role in angiogenesis by regulating FGFR1, VEGFR2 and PDGFR signaling. May also play a role in T-cell antigen receptor/TCR signaling, interleukin-2 signaling, apoptosis and neuronal cells differentiation by mediating basic- FGF and NGF-induced signaling cascades. May also regulate IRS1 and IRS2 signaling in insulin-producing cells.
Molecular Weight:	55042
UniProt:	Q15464
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:25. FC: 1:25
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Expiry Date:

6 months



102

FL1-H

10

10

103

10

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of paraffinembedded H. sll intestine section using Phospho-HUN-SHB. ctrl (ABIN6242628 and ABIN6577402). (ABIN6242628 and ABIN6577402) was diluted at 1:25 dilution. A peroxidaseconjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

#### Western Blotting

**Image 2.** Western blot analysis of lysates from HepG2, Jurkat, K562, HUVEC cell line (from left to right), using SHB-Antibody (ABIN6242628 and ABIN6577402). (ABIN6242628 and ABIN6577402) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

#### **Flow Cytometry**

**Image 3.** Flow cytometric analysis of HepG2 cells using Phospho-HUN-SHB. ctrl(green, Cat(ABIN6242628 and ABIN6577402)) compared to an isotype control of rabbit IgG(blue). (ABIN6242628 and ABIN6577402) was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

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