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Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58763_P050-Biotin
Product Page	www.avivasysbio.com/shb-antibody-n-terminal-region-biotin-arp58763-p050-biotin.html
Name	SHB Antibody - N-terminal region : Biotin (ARP58763_P050-Biotin)
Protein Size (# AA)	509 amino acids
Molecular Weight	55kDa
Conjugation	Biotin
NCBI Gene Id	6461
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Src homology 2 domain containing adaptor protein B
Alias Symbols	bA3J10.2
Peptide Sequence	Synthetic peptide located within the following region: ERPSQPPQAVPQASSAASASCGPATASCFSASSGSLPDDSGSTSDLIRAY
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Kriz, V., (2006) J. Biol. Chem. 281 (45), 34484-34491
Description of Target	SHB is the adapter protein which regulates several signal transduction cascades by linking activated receptors to downstream signaling components. SHB may play a role in angiogenesis by regulating FGFR1, VEGFR2 and PDGFR signaling. SHB 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. SHB may also regulate IRS1 and IRS2 signaling in insulin-producing cells.
Protein Interactions	SLC39A1; GRAP2; LAT; LCP2; EPS8; JAK3; IL2RG; KDR; SRC; ZAP70; PDGFRA; PLCG1; PIK3R1; VAV1; CRK; JAK1; IL2RB; GRB2; FGFR1; PDGFRB;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-SHB (ARP58763_P050-Biotin) antibody
Blocking Peptide	For anti-SHB (ARP58763_P050-Biotin) antibody is Catalog # AAP58763 (Previous Catalog # AAPP38530)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SHB
Uniprot ID	Q15464
Protein Name	SH2 domain-containing adapter protein B
Sample Type Confirmation	SHB is supported by BioGPS gene expression data to be expressed in HepG2
Protein Accession #	NP_003019
Purification	Affinity Purified
Nucleotide Accession #	NM_003028
Gene Symbol	SHB
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com