

Rabbit SHB Polyclonal Antibody | anti-SHB antibody

SHB antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200855	Rabbit	Cow, Dog, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

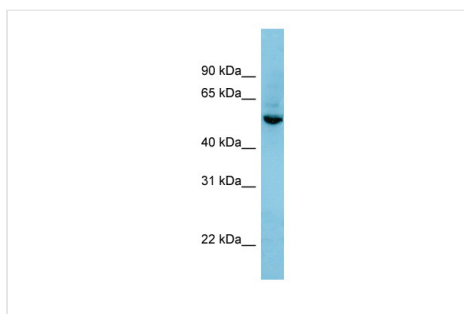
PRODUCT SYNONYMS

SHB; Polyclonal Antibody; SHB antibody - N-terminal region; anti-SHB antibody

PRODUCT SPECIFICATIONS

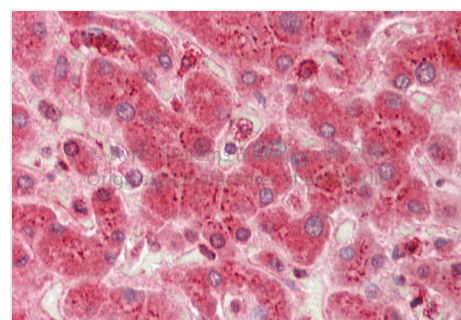
Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA KWLNKYFSLG NSKTKSPPQP PRPDYREQRR RGERPSQPPQ AVPQASSA
Sequence Length	509
Applicable Applications for anti-SHB antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SHB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SHB Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: HepG2 cell lysate
 SHB is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Rabbit Anti-SHB antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
 Observed Staining: Cytoplasm in hepatocytes
 Primary Antibody Concentration: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-SHB antibody	This is a rabbit polyclonal antibody against SHB. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 rol
Product Categories/Family for anti-SHB antibody	Polyclonal; Lymphocyte Signaling; Stem Cells; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	106879210
NCBI GeneID	6461
NCBI Accession #	NP_003019
NCBI GenBank Nucleotide #	NM_003028
UniProt Accession #	Q15464
Molecular Weight	55kDa
NCBI Official Full Name	SH2 domain-containing adapter protein B
NCBI Official Synonym Full Names	SH2 domain containing adaptor protein B
NCBI Official Symbol	SHB
NCBI Official Synonym Symbols	bA3J10.2
NCBI Protein Information	SH2 domain-containing adapter protein B
UniProt Protein Name	SH2 domain-containing adapter protein B
UniProt Gene Name	SHB
UniProt Entry Name	SHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.