

Rabbit SHC1 Polyclonal Antibody | anti-SHC1 antibody

SHC1 antibody - C-terminal region

CATALOG # AAA200089	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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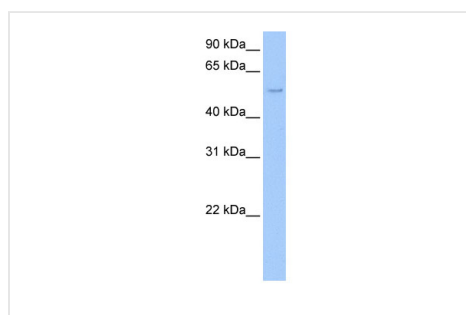
PRODUCT SYNONYMS

SHC1; Polyclonal Antibody; SHC1 antibody - C-terminal region; anti-SHC1 antibody

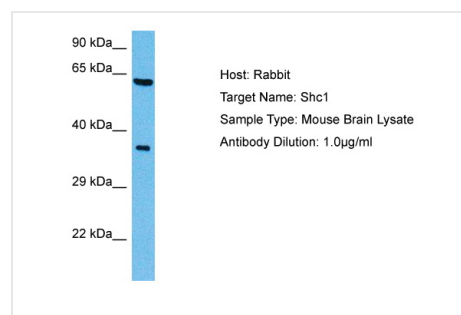
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, 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: AEQLRGEPWFHGKLSRREAEALQLNGDFLVR ESTTTPGQYVLTGLQSGQ
Sequence Length	474
Applicable Applications for anti-SHC1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SHC1
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-SHC1 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Lung


WB (Western Blot)

Host: Mouse Target Name: SHC1 Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SHC1 antibody	This is a rabbit polyclonal antibody against SHC1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SHC1 is a signaling adapter that couples activated growth factor receptors to signaling pathway. Isoform p46Shc and isoform p52Shc, once phosphorylated, couple activated receptor tyrosine kinases to Ras via the recruitment of the GRB2/SOS complex and are implicated in the cytoplasmic propagation of mitogenic signals. Isoform p46Shc and isoform p52Shc may thus function as initiators of the Ras signaling cascade in various non-neuronal systems. Isoform p66Shc does not mediate Ras activation, but is involved in signal transduction pathways that regulate the cellular response to oxidative stress and life span. Isoform p66Shc acts as a downstream target of the tumor suppressor p53 and is indispensable for the ability of stress-activated p53 to induce elevation of intracellular oxidants, cytochrome c release and apoptosis. The expression of isoform p66Shc has been correlated with life span.
Product Categories/Family for anti-SHC1 antibody	Polyclonal; Cell Cycle Proteins; Lymphocyte Signaling; Signal Transduction; Apoptosis; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	32261324
NCBI GeneID	6464
NCBI Accession #	NP_003020
NCBI GenBank Nucleotide #	NM_003029
UniProt Accession #	P29353
Molecular Weight	52kDa
NCBI Official Full Name	SHC-transforming protein 1 isoform 2
NCBI Official Synonym Full Names	SHC adaptor protein 1
NCBI Official Symbol	SHC1
NCBI Official Synonym Symbols	SHC; SHCA
NCBI Protein Information	SHC-transforming protein 1
UniProt Protein Name	SHC-transforming protein 1
UniProt Gene Name	SHC1
UniProt Synonym Gene Names	SHC; SHCA; SH2 domain protein C1
UniProt Entry Name	SHC1_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.