

Rabbit anti-Human SHC1 Polyclonal Antibody | anti-SHC1 antibody

SHC1 Antibody - middle region

CATALOG # AAA201548	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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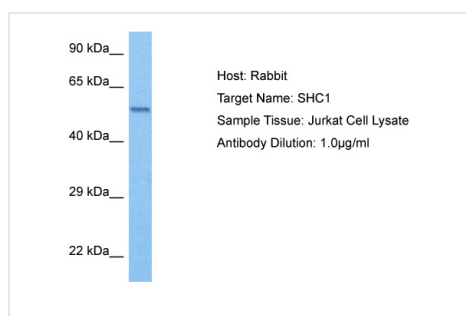
PRODUCT SYNONYMS

SHC1; Polyclonal Antibody; SHC1 Antibody - middle region; anti-SHC1 antibody

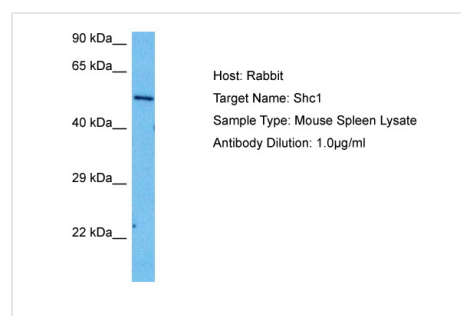
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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: EP PDHQYYNDFP GKEPPLGGVV DMRLREGAAP GAARPTAPNA QTPSHLGA
Sequence Length	167
Applicable Applications for anti-SHC1 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the middle 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)

Host: Rabbit Target Name: SHC1 Sample Tissue: Human Jurkat Whole Cell Antibody Dilution: 1.0 µg/ml


WB (Western Blot)

Host: Mouse Target Name: SHC1 Sample Tissue: Mouse Spleen Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SHC1 antibody	This gene encodes three main isoforms that differ in activities and subcellular location. While all three are adapter proteins in signal transduction pathways, the longest (p66Shc) may be involved in regulating life span and the effects of reactive oxygen species. The other two isoforms, p52Shc and p46Shc, link activated receptor tyrosine kinases to the Ras pathway by recruitment of the GRB2/SOS complex. p66Shc is not involved in Ras activation. Unlike the other two isoforms, p46Shc is targeted to the mitochondrial matrix. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SHC1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	194239664
NCBI GeneID	6464
NCBI Accession #	NP_001123512.1
NCBI GenBank Nucleotide #	NM_001130040.1
UniProt Accession #	P29353
Molecular Weight	63 kDa
NCBI Official Full Name	SHC-transforming protein 1 isoform 3
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.