
Product Name: SHC Rabbit Monoclonal Antibody**Catalog #: AMRe03923**

For research use only.

Summary

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| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC |
| Reactivity | Human, Mouse, Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein. |
| Purification | Affinity Purification |

Application

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|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000,IHC 1:50-1:100 |
| Molecular Weight | Calculated MW:63 kDa;Observed MW: 46,52,66 kDa |

Antigen Information

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| Gene Name | SHC1 |
| Alternative Names | SHC1; SHC; SHCA; SHC-transforming protein 1; SHC-transforming protein 3; SHC-transforming protein A; Src homology 2 domain-containing-transforming protein C1; SH2 domain protein C1 |
| Gene ID | 6464 |
| SwissProt ID | P29353 |
| Immunogen | A synthetic peptide corresponding to target protein |

Background

Signaling adapter that couples activated growth factor receptors to signaling pathways. Participates in a signaling cascade initiated by activated KIT and KITLG/SCF. 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.

Research Area

Neuroscience

Image Data

Western blot analysis of SHC in MCF7, HUVEC lysates using SHC antibody.

