SHC Rabbit mAb

Catalog No: #56293

Package Size: #56293-1 50ul #56293-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

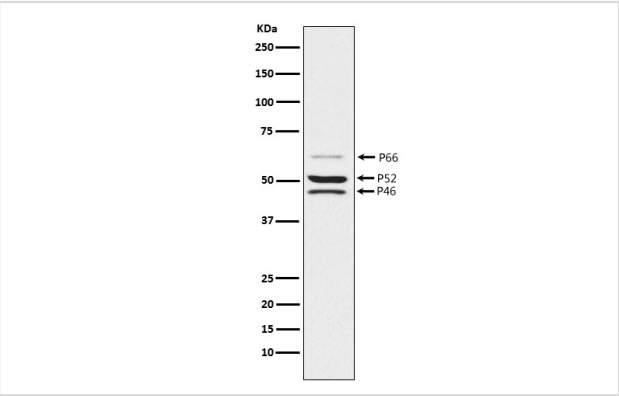
Description

Product Name	SHC Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human;Mouse;Rat
Specificity	SHC Antibody detects endogenous levels of total SHC
Immunogen Description	A synthesized peptide derived from human SHC
Conjugates	Unconjugated
Other Names	SH2 domain protein C1; SHC; SHC-transforming protein 1; SHCA; Src homology 2 domain-containing-transforming protein C1;
Accession No.	Uniprot:P29353
Calculated MW	46, 52, 66kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200FC:1:50

Images



Western blot analysis of SHC expression in MCF7 cell lysate.

Product Description

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.

Published Papers

Zeng Xi, Pang Suwen, Lu Hong, Zhu Jingchao, Li Ze, Liu Ni, Zhang Xifeng, Wang Yun, Wei Zhifeng el at., Aloperine ameliorates radiation enteritis by driving the TAS2R138-PLCβ/GAPDH axis-mediated glucose metabolic reprogramming to inhibit ferroptosis in intestinalB β ¦, Biochemical pharmacology, (2025)

PMID:40902734

Note: This product is for in vitro research use only and is not intended for use in humans or animals.