

Mouse Shc1 Antibody(Center)

Catalog_no :	AB1954
Applications :	WB, FC
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	MOUSE:378-405
Specificity :	This Mouse Shc1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 378-405 amino acids from the Central region of mouse Shc1.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	SHC-transforming protein 1, SHC-transforming protein A, Src homology 2 domain-containing-transforming protein C1, SH2 domain protein C1, Shc1, Shc, ShcA
Isotype :	Rabbit Ig
Background :	Signaling adapter that couples activated growth factor receptors to signaling pathway. Isoform p47Shc and isoform p52Shc, once phosphorylated, couple activated receptor kinases to Ras via the recruitment of the GRB2/SOS complex and are implicated in the cytoplasmic propagation of mitogenic signals. Isoform p47Shc and isoform p52 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.
reference :	Ursini-Siegel, J., et al. Cancer Res. 70(20):7776-7787(2010) Ma, Z., et al. Oncogene 29(41):5559-5567(2010) Fadini, G.P., et al. Diabetes 59(9):2306-2314(2010) Ranieri, S.C., et al. Proc. Natl. Acad. Sci. U.S.A. 107(30):13420-13425(2010) Gines, S., e