

Shc (phospho-Ser239/240) rabbit pAb

Catalog No: #13529

Package Size: #13529-1 50ul #13529-2 100ul

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Description

Product Name	Shc (phospho-Ser239/240) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	This antibody detects endogenous levels of Human Mouse Rat Shc (phospho-Ser239 or 240)
Immunogen Description	Synthesized phosho peptide around human Shc (Ser239 and 240)
Other Names	SHC-transforming protein 1 (SHC-transforming protein 3) (SHC-transforming protein A) (Src homology 2 domain-containing-transforming protein C1) (SH2 domain protein C1)
Accession No.	Swiss Prot:P29353GenelD:6464
Uniprot	P29353
GeneID	6464
SDS-PAGE MW	66,52,46
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:1000-2000

Background

SHC adaptor protein 1(SHC1) Homo sapiens 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. [provided by RefSeq, Feb 2011].

Note: This product is for in vitro research use only