

Recombinant

DGRmAb®

SHC (DGR16780) Rabbit mAb

db14801

Package : 10μL 20μL 50μL 100μL

Product Name : SHC (DGR16780) Rabbit mAb**Cat.No.:** db14801**Synonyms :** SHC; SHCA**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

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]

Immunogen

A synthetic peptide of human SHC

Gene ID

6464

Swiss Prot

P29353

Synonyms

SHC; SHCA

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:1000

IHC-P: 1:100-1:200

Calculated MW

63 kDa

Observed MW

46,52,66 kDa

Host species

Rabbit

Clonality

Monoclonal

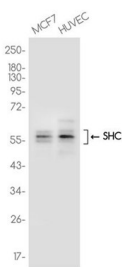
Clonality No.

DGR16780

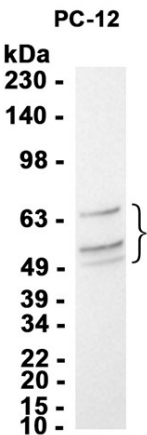
Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from MCF-7, HUVEC cells using db14801 at 1:1000.



Western blot analysis of extracts from PC-12 cells using db14801 at 1:1000.