

Phospho-SHC1-Y427 Rabbit Polyclonal Antibody



CABP0266

Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

50kDa

Calculated MW:

40kDa/46kDa/51kDa/62kDa

Applications:

WB IHC IF

Reactivity:

Human

Protein 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.

Immunogen information

Gene ID:

6464

Uniprot

P29353

Synonyms:

SHC; SHCA; SHC1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:100 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

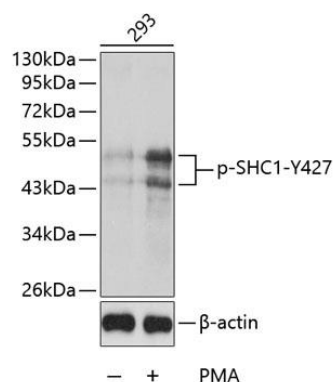
Immunogen:

A phospho specific peptide corresponding to residues surrounding Y427 of human SHC1

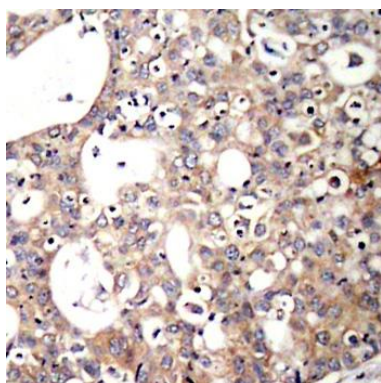
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

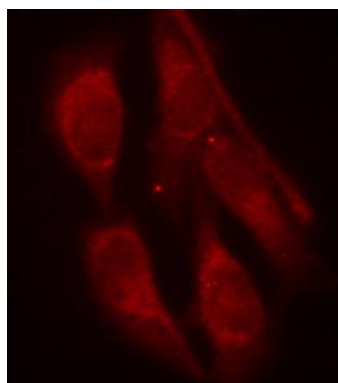
Product Images



Western blot analysis of extracts from 293 cells using Phospho-SHC1-Y427 antibody (CABP0266). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-SHC1-Y427 antibody (CABP0266).



Immunofluorescence analysis of methanol-fixed HeLa cells using Phospho-SHC1-Y427 antibody (CABP0266).