

Phospho-SHC1-Y317 Rabbit pAb

Catalog No.: AP1107

Basic Information

Observed MW

Refer to figures

Calculated MW

63kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

6464

Swiss Prot

P29353

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

SHC; SHCA; Phospho-SHC1-Y317

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.