

## N-Shc rabbit pAb

Cat No.: ES6607

For research use only

## Overview

Product Name N-Shc rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human SHC3. AA

range:291-340

**Specificity** N-Shc Polyclonal Antibody detects endogenous

levels of N-Shc protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name SHC-transforming protein 3

Gene Name SHC3

**Cellular localization** cytosol, plasma membrane,

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 48kD
Human Gene ID 53358
Human Swiss-Prot Number Q92529

Alternative Names SHC3; NSHC; SHCC; SHC-transforming protein 3;

Neuronal Shc; N-Shc; Protein Rai; SHC-transforming

protein C; Src homology 2

domain-containing-transforming protein C3; SH2

domain protein C3

**Background** function: Signaling adapter that couples activated

growth factor receptors to signaling pathway in neurons. Involved in the signal transduction

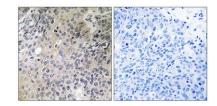


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pathways of neurotrophin-activated Trk receptors in cortical neurons.,PTM:Tyrosine phosphorylated.,similarity:Contains 1 PID domain.,similarity:Contains 1 SH2 domain.,subunit:Interacts with the Trk receptors in a phosphotyrosine-dependent manner. Once activated, binds to GRB2. Interacts with activated EGF receptors.,tissue specificity:Mainly expressed in brain. Hardly detectable in other tissues, except in pancreas. Highly expressed in the cerebral cortex, frontal and temporal lobes, occipital pole, hippocampus, caudate nucleus and amygdala. Expressed at low level in the cerebellum, medulla and spinal cord.,

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using SHC3 Antibody. The picture on the right is blocked with the synthesized peptide.



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