

## anti-Human Shc Antibody | anti-Shc antibody

Shc (Ab-427) Antibody

|                               |                            |                                                                  |
|-------------------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA111621</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------|------------------------------------------------------------------|

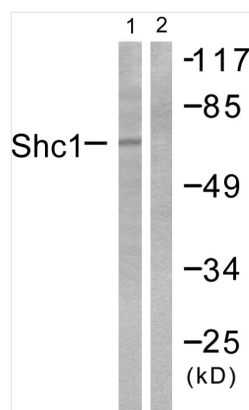
### PRODUCT SYNONYMS

Shc; Shc (Ab-427) Antibody; SH2 domain protein C1; SHC; SHC-transforming protein 1; SHCA; Src homology 2 domain-containing-transforming protein C1; anti-Shc antibody

### PRODUCT SPECIFICATIONS

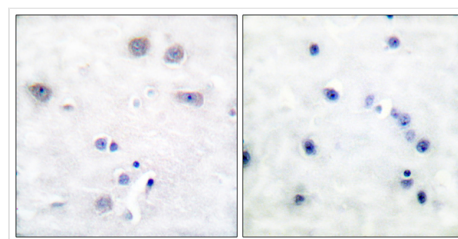
|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human                                                                                                                                                 |
| Specificity                                   | Shc (Ab-427) antibody detects endogenous levels of total Shc protein.                                                                                 |
| Purity/Purification                           | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                  |
| Form/Format                                   | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                        |
| Sequence Length                               | 584                                                                                                                                                   |
| Applicable Applications for anti-Shc antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                  |
| Immunogen                                     | The antiserum was produced against synthesized non-phosphopeptide derived from human Shc around the phosphorylation site of tyrosine 427 (P-S-Y-V-N). |
| Preparation and Storage                       | Store at -20 degree C for 1 year                                                                                                                      |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from HeLa cells treated with Calyculin A (50nM, 15mins), using Shc (Ab-427) antibody.



#### IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Shc (Ab-427) antibody.

### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-Shc antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|            |                                                                                                                                                                                                                       |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Kerstin Wagner, Carcinogenesis, 2004 25(12):2473-2478. William A. Ricketts, Mol. Endocrinol., Dec 1999; 13: 1988. Aimee W. Kao, Endocrinology, Jun 1997; 138: 2474. Lyn Oligino J. Biol. Chem., Nov 1997; 272: 29046. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 194239664                                                                              |
| NCBI GeneID                      | 6464                                                                                   |
| NCBI Accession #                 | NP_001123512.1                                                                         |
| NCBI GenBank Nucleotide #        | NM_001130040.1                                                                         |
| UniProt Accession #              | P29353; O15290; Q5T180; Q5T183; Q5T184; Q5T185; Q5T186; Q8N4K5; Q96CL1; B5BU19; D3DV78 |
| Molecular Weight                 | 51,682 Da                                                                              |
| NCBI Official Full Name          | SHC-transforming protein 1 isoform 3                                                   |
| NCBI Official Synonym Full Names | SHC adaptor protein 1                                                                  |
| NCBI Official Symbol             | SHC1                                                                                   |
| NCBI Official Synonym Symbols    | SHC; SHCA                                                                              |
| NCBI Protein Information         | SHC-transforming protein 1                                                             |
| UniProt Protein Name             | SHC-transforming protein 1                                                             |
| UniProt Gene Name                | SHC1                                                                                   |
| UniProt Synonym Gene Names       | SHC; SHCA; SH2 domain protein C1                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/human-antibody/shc/111621>