

anti-Human Shc Antibody | anti-Shc antibody

Shc (Phospho-Tyr427) Antibody

CATALOG # AAA110711	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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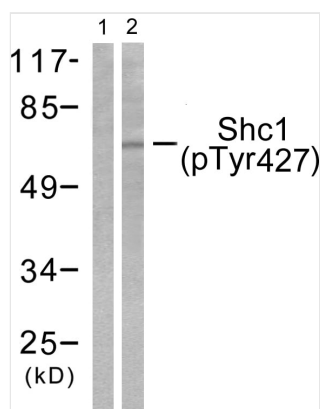
PRODUCT SYNONYMS

Shc; Shc (Phospho-Tyr427) Antibody; SH2 domain protein C1; SHC; SHC-transforming protein 1; SHCA; Src homology 2 domain-containing-transforming protein C1; anti-Shc antibody

PRODUCT SPECIFICATIONS

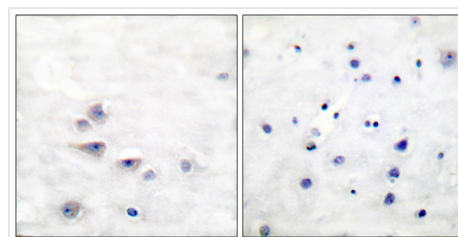
Reactivity	Human
Specificity	Shc (phospho-Tyr427) antibody detects endogenous levels of Shc only when phosphorylated at serine 24.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
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 phosphopeptide derived from human Shc around the phosphorylation site of tyrosine 427 (P-S-YP-V-N).
All Sites	Human: Tyr427
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 (50ng/ml, 15mins), using Shc (phospho-Tyr427) antibody.



IHC (Immunohistochemistry)

P-peptide+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Shc (phospho-Tyr427) 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.

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/110711>