

## Product datasheet for **TA325839**

### SHC (SHC1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human Shc around the phosphorylation site of Tyrosine 349
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70 kDa
Gene Name:	SHC adaptor protein 1
Database Link:	<a href="#">NP_001123512</a> <a href="#">Entrez Gene 20416 MouseEntrez Gene 85385 RatEntrez Gene 6464 Human P29353</a>
Background:	Shc1 IS an adaptor protein containing a SH2 domain and a PID domain within a PH domain-like fold. Three isoforms(p66, p52 and p46), produced by alternative initiation, variously regulate growth factor signaling, oncogenesis and apoptosis.
Synonyms:	SHC; SHCA

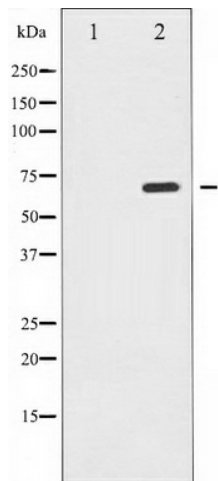


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**Protein Families:** Druggable Genome

**Protein Pathways:** Adherens junction, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Chemokine signaling pathway, Chronic myeloid leukemia, Dilated cardiomyopathy, ErbB signaling pathway, Focal adhesion, Glioma, Hypertrophic cardiomyopathy (HCM), Insulin signaling pathway, Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Neurotrophin signaling pathway, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton, Tight junction, Vibrio cholerae infection, Viral myocarditis

**Product images:**



Western blot analysis of Shc phosphorylation expression in EGF treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.