

Anti-SHC1 antibody (360-373) (STJ110036)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

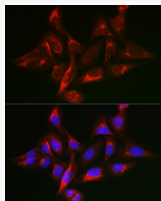
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 63kDa Observed Mw: 66kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

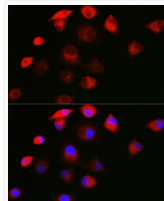
Gene ID	6464
Gene Symbol	SHC1
UniProt ID	SHC1_HUMAN
Immunogen Region	360-373
Immunogen Sequence	VISTIGQAFELRFKQYL RNP PKLVTPHDMAGFDGSAWDE EEEEEPPDHQYYNDFPGKEPP LGGVVDMLREGAAPGAARP TAPNAQTPSHLGATLPVGQP VGGDPEVRKQMPPPPPCPGGR ELFDPPSYVNVQNLDKARQA VGGAGPPNPAINGSAPRDLF DMKPFEDALRVPPPPQSVSM AEQLRGPEWFHFGKLSRREAE ALLQLNGDFLVRESTTTTPGQ YVLTGLQSGQPKHLLLVDP
Specificity	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human SHC1 (NP_001189788.1).

ADDITIONAL INFORMATION

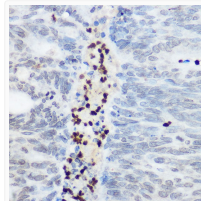
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



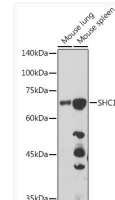
Immunofluorescence analysis of U-2 OS cells using SHC1 Rabbit polyclonal antibody (STJ110036) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



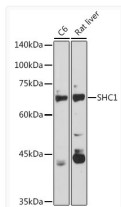
Immunofluorescence analysis of A549 cells using SHC1 Rabbit polyclonal antibody (STJ110036) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



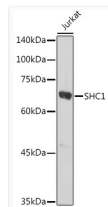
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using SHC1 Rabbit polyclonal antibody (STJ110036) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using SHC1 antibody (STJ110036) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of extracts of various cell lines, using SHC1 antibody (STJ110036) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of extracts of Jurkat cells, using SHC1 antibody (STJ110036) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.