

Mouse anti-Human SHC Monoclonal Antibody | anti-SHC antibody

SHC (SHC-transforming Protein 1, SH2 Domain Protein C1, SHC1, SHC-transforming Protein 3, SHC-transforming Protein A, SHCA, Src Homology 2 Domain-containing-transforming Protein C1, FLJ26504) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25540	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

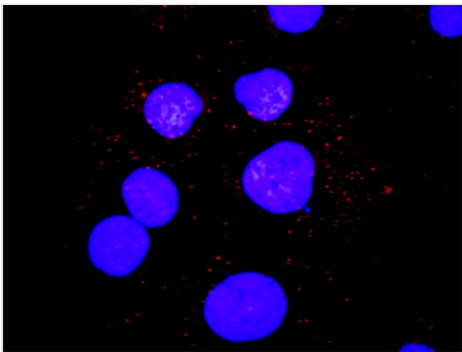
PRODUCT SYNONYMS

SHC; Monoclonal Antibody; SHC (SHC-transforming Protein 1; SH2 Domain Protein C1; SHC1; SHC-transforming Protein 3; SHC-transforming Protein A; SHCA; Src Homology 2 Domain-containing-transforming Protein C1; FLJ26504) (HRP); anti-SHC antibody

PRODUCT SPECIFICATIONS

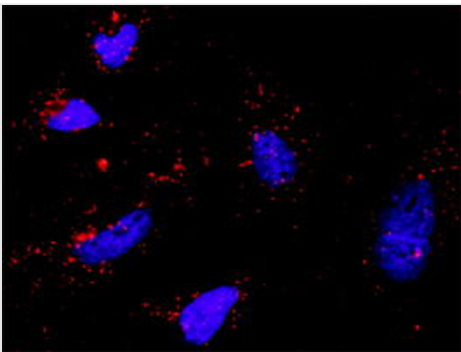
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	3F4
Specificity	Recognizes human SHC1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Sequence Length	2899
Applicable Applications for anti-SHC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 1ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa171-280 from human SHC1 (AAH33925) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	QTPSHLGATLPVGQPVGGDPEVRKQMPPPPCPGRELFDDPSYVNVQNLDKARQAVGGAGPPNPAINGSAPRDLFDMKPFEDALRVPPPQSVSMAE
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial and prior to removing the cap.

IMAGES



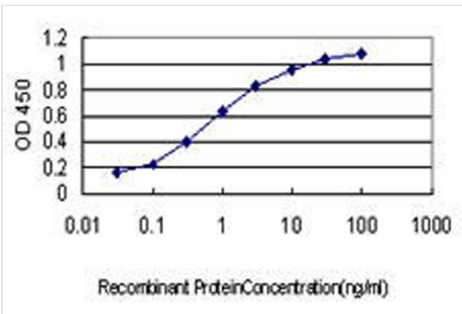
Application Data

Proximity Ligation Analysis (PLA) of protein-protein interactions between PIK3R1 and SHC1. Huh7 cells were stained with PIK3R1 rabbit purified polyclonal 1:1200 and anti-SHC1 mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



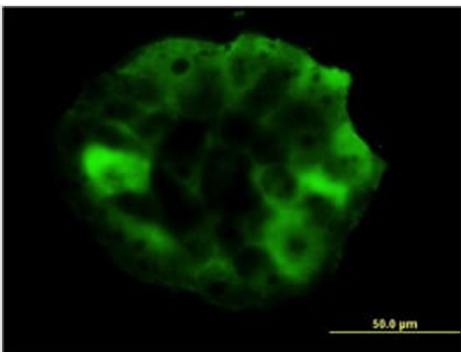
Application Data

Proximity Ligation Analysis (PLA) of protein-protein interactions between PIK3R1 and SHC1. HeLa cells were stained with PIK3R1 rabbit purified polyclonal 1:1200 and SHC1 mouse monoclonal antibody 1:50. Signals were detected by 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



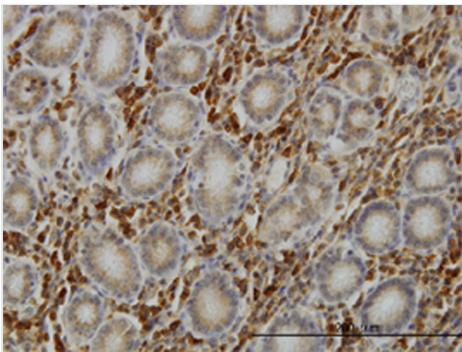
Application Data

Detection limit for recombinant GST tagged SHC1 is ~0.03ng/ml as a capture antibody.



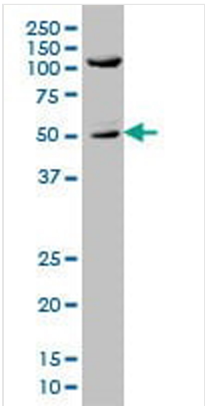
IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to SHC1 on A-431 cell. [antibody concentration 10ug/ml].



IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to SHC1 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 1ug/ml].



WB (Western Blot)

SHC1 monoclonal antibody, Western Blot analysis of SHC1 expression in A-431.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SHC antibody	Antibodies; Adapter Proteins
---	------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	21706899
NCBI GeneID	6464

NCBI Official Full Name	Homo sapiens SHC (Src homology 2 domain containing) transforming protein 1, mRNA
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/shc-antibody-clone-3f4-immunohistochemistry-western-blot-elisa/25540>