

Rabbit anti-Human, Pig SHC-Transforming Protein 3 Polyclonal Antibody | anti-SHC3 antibody

Polyclonal Antibody to SHC-Transforming Protein 3 (SHC3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20887	Rabbit	Human, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

SHC-Transforming Protein 3; Polyclonal Antibody; Polyclonal Antibody to SHC-Transforming Protein 3 (SHC3); anti-SHC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against SHC3. It has been selected for its ability to recognize SHC3 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence Length	594
Applicable Applications for anti-SHC3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	SHC3 (Val188~Gln433)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant SHC3 (Val188~Gln433) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: SHC3 knockout HepG2 cell lysate; Predicted MW: 64,51kd Observed MW: 51kd Primary Ab: 3ug/ml Rabbit Anti-Human SHC3 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Porcine Brain Tissue; Lane2: Human HepG2 Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SHC3 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224586793
NCBI GeneID	53358
NCBI Accession #	NP_058544.3
NCBI GenBank Nucleotide #	NM_016848.5
UniProt Accession #	Q92529; Q5T7I7; Q8TAP2; Q9UCX5
Molecular Weight	51,939 Da
NCBI Official Full Name	SHC-transforming protein 3
NCBI Official Synonym Full Names	SHC adaptor protein 3
NCBI Official Symbol	SHC3
NCBI Official Synonym Symbols	RAI; NSHC; SHCC; N-Shc
NCBI Protein Information	SHC-transforming protein 3
UniProt Protein Name	SHC-transforming protein 3
UniProt Gene Name	SHC3
UniProt Synonym Gene Names	NSHC; SHCC; N-Shc; SH2 domain protein C3

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.