

Rabbit SHP2 Polyclonal Antibody | anti-SHP2 antibody

SHP2 antibody

CATALOG # AAA224855	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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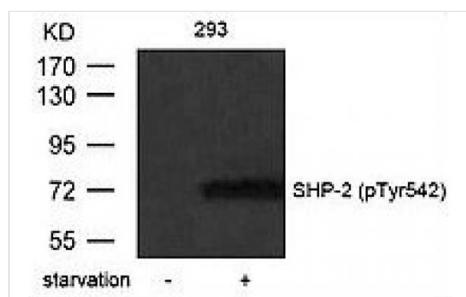
PRODUCT SYNONYMS

SHP2; Polyclonal Antibody; SHP2 antibody; Rabbit polyclonal SHP2 antibody; Polyclonal SHP2 antibody; Anti-SHP2 antibody; PTP-2C antibody; SHP-2; Tyrosine-protein phosphatase non-receptor type 11 antibody; SHP 2; Phospho Tyr542 antibody; SHP 2 antibody; PTPN11 antibody; Protein-tyrosine phosphatase 2C antibody; SHP-2 antibody; PTP-1D antibody; Protein-tyrosine phosphatase 1D antibody; anti-SHP2 antibody

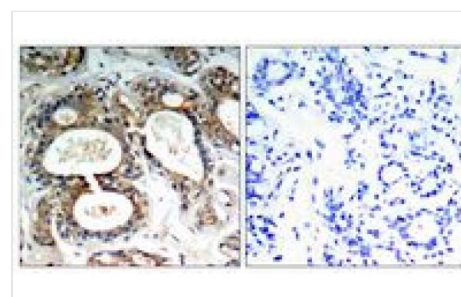
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	244
Applicable Applications for anti-SHP2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	SHP2 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of tyrosine 542 (H-E-Y(p)-T-N) derived from Human SHP-2 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of extracts from 293 cells untreated or treated with starvation using SHP-2 (Phospho-Tyr542) antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-2 (Phospho-Tyr542) antibody (left) or the same antibody preincubated with with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-SHP2 antibody	SHP2 is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates. This PTP is widely expressed in most tissues and plays a regulatory role in various cell signaling events that are important for a diversity of cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration.
Product Categories/Family for anti-SHP2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	169117067
Molecular Weight	28,006 Da
NCBI Official Full Name	shatterproof 2
UniProt Protein Name	Shatterproof 2
UniProt Gene Name	SHP2

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/polyclonal/shp2-antibody-western-blot-immunohistochemistry-elisa/224855>