

SHP-1 Antibody | anti-SHP-1 antibody

SHP-1 (Ab-536) Antibody

CATALOG # AAA111009	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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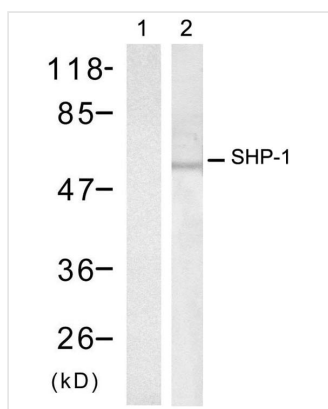
PRODUCT SYNONYMS

SHP-1; SHP-1 (Ab-536) Antibody; anti-SHP-1 antibody

PRODUCT SPECIFICATIONS

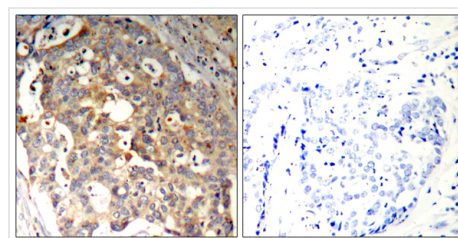
Reactivity	Human, Mouse, Rat
Specificity	SHP-1 (Ab-536) antibody detects endogenous levels of total SHP-1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	595
Applicable Applications for anti-SHP-1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human SHP-1 around the phosphorylation site of tyrosine 536 (S-E-YP-G-N).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Peptide +/- Western blot analysis of extracts from Raw264.7 cells using SHP-1 (Ab-536) antibody.



IHC (Immunohistochemistry)

Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using SHP-1 (Ab-536) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SHP-1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Migone TS, et al. (1998) Proc Natl Acad Sci USA; 95(7): 3845-3850. Timms JF, et al.(1998) Mol Cell Biol; 18(7): 3838-3850. Kanagasundaram V, et al. (1999) Mol Cell Biol; 19(6): 4079-4092. Hauck CR, et al. (1999) Infect Immun; 67(10): 5490-5494.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18104989
NCBI GeneID	5777
NCBI Accession #	NP_002822.2
NCBI GenBank Nucleotide #	NM_002831.5
UniProt Accession #	P29350; Q969V8; Q9UK67; A8K306; G3V0F8
Molecular Weight	70,131 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 6 isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 6
NCBI Official Symbol	PTPN6
NCBI Official Synonym Symbols	HCP; HCPH; SHP1; SHP-1; HPTP1C; PTP-1C; SHP-1L; SH-PTP1
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 6
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 6
UniProt Gene Name	PTPN6
UniProt Synonym Gene Names	HCP; PTP1C; PTP-1C

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.