

anti-Human, Mouse SHP-1 Antibody | anti-SHP-1 antibody

SHP-1 (Phospho-Tyr536) Antibody

CATALOG # AAA112043	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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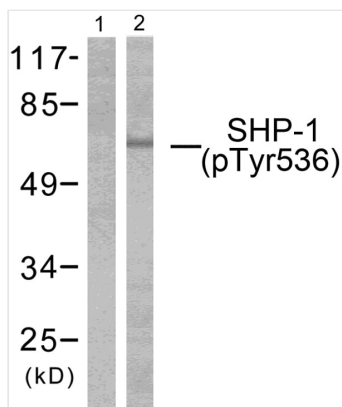
PRODUCT SYNONYMS

SHP-1; SHP-1 (Phospho-Tyr536) Antibody; 70Z-SHP; EC 3.1.3.48; HCP; HCPH; Hematopoietic cell protein-tyrosine phosphatase; PTN6; PTP-1C; PTP1C; PTPN6; Protein-tyrosine phosphatase 1C; Protein-tyrosine phosphatase SHP-1; Protein-tyrosine phosphatase; non-receptor type 6; SH-PTP1; anti-SHP-1 antibody

PRODUCT SPECIFICATIONS

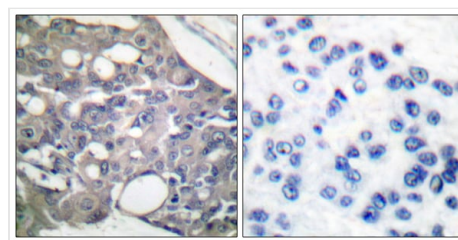
Reactivity	Human, Mouse
Specificity	SHP-1 (phospho-Tyr536) antibody detects endogenous levels of SHP-1 only when phosphorylated at tyrosine 536.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	595
Applicable Applications for anti-SHP-1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human SHP-1 around the phosphorylation site of tyrosine 536 (S-E-YP-G-N).
All Sites	Human: Tyr536 Mouse: Tyr536
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from RAW264.7 cells treated with EGF (200ng/ml, 5mins), using SHP-1 (phospho-Tyr536) antibody.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-1 (phospho-Tyr536) 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
References	Laura A. Maile, Mol. Biol. Cell, Sep 2003; 14: 3519. Tony Avril, J. Immunol., Dec 2004; 173: 6841-6849. Hong Xu, J. Biol. Chem., Jul 1998; 273: 17987. Gregory Bix, Blood, Dec 2006; 10: 1182.

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/shp-1/112043>