

SHP-2 Antibody | anti-SHP-2 antibody

SHP-2 (Ab-580) Antibody

CATALOG # AAA110977	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	--	---

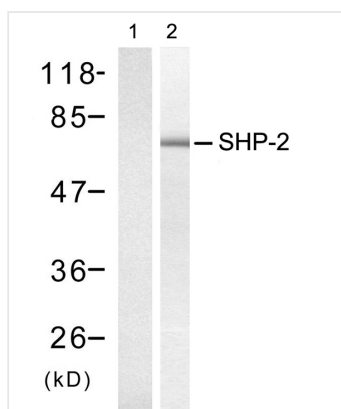
PRODUCT SYNONYMS

SHP-2; SHP-2 (Ab-580) Antibody; anti-SHP-2 antibody

PRODUCT SPECIFICATIONS

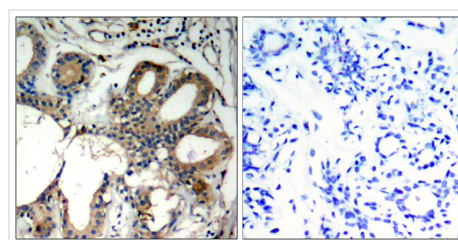
Reactivity	Human, Mouse, Rat
Specificity	SHP-2 (Ab-580) antibody detects endogenous levels of total SHP-2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	597
Applicable Applications for anti-SHP-2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human SHP-2 around the phosphorylation site of tyrosine 580 (R-V-YP-E-N).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells treated with insulin (100nM, 15min), using SHP-2 (Ab-580) antibody.



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using SHP-2 (Ab-580) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SHP-2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
---	---

References	Ferjoux G, et al. (2003) Mol Biol Cell. 2003; 14(9): 3911-3928. Shi ZQ, et al. (2000) Mol Cell Biol; 20(5): 1526-1536. Li C, Friedman JM. (1999) Proc Natl Acad Sci U S A; 96(17): 9677-9682 Mañes S, et al. (1999) Mol Cell Biol; 19(4): 3125-3135. Oh ES, et al. (1999) Mol Cell Biol; 19(4): 3205-3215.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1059433492
NCBI GeneID	5781
NCBI Accession #	NP_001317366.1
NCBI GenBank Nucleotide #	NM_001330437.1
UniProt Accession #	Q06124; Q96HD7; A8K1D9
Molecular Weight	52,828 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 11 isoform 3
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 11
NCBI Official Symbol	PTPN11
NCBI Official Synonym Symbols	CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 11
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 11
UniProt Gene Name	PTPN11
UniProt Synonym Gene Names	PTP2C; SHPTP2; PTP-1D; PTP-2C; SHP-2; 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.