

## SHP-2(Ab-580) Antibody

Catalog No: #21320

Package Size: #21320-1 50ul #21320-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	SHP-2(Ab-580) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total SHP-2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.578~582 (R-V-Y-E-N) derived from Human SHP-2.
Target Name	SHP-2
Other Names	Protein-tyrosine phosphatase 2C
Accession No.	Swiss-Prot: Q06124NCBI Protein: NP_002825.3
Uniprot	Q06124
GeneID	5781;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

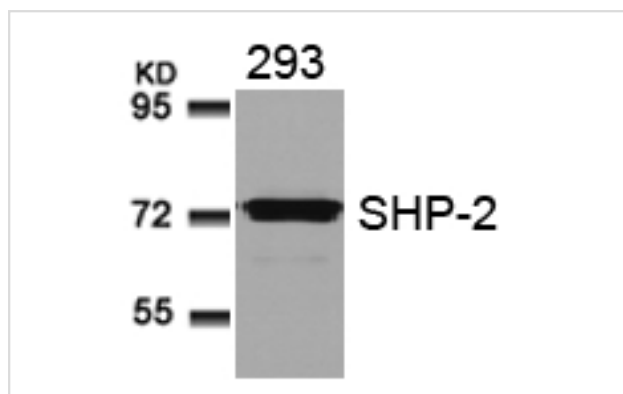
Predicted MW: 72kd

Western blotting: 1:500~1:1000

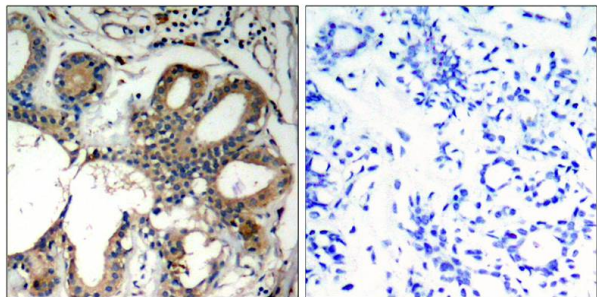
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

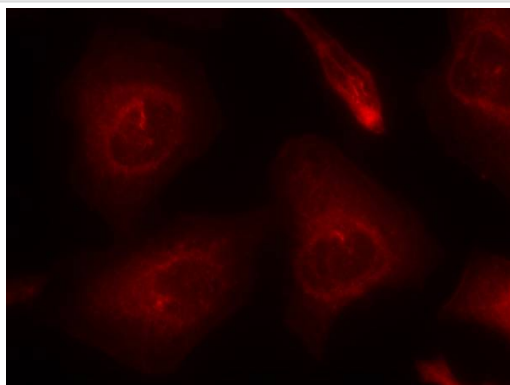
## Images



Western blot analysis of extracts from 293 cells using SHP-2(Ab-580) Antibody #21320.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-2(Ab-580) Antibody #21320(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using SHP-2(Ab-580) Antibody #21320.

## Background

Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus.

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.

Note: This product is for in vitro research use only