

# SHP2 Polyclonal Antibody

## Product Details

Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (YENVGLMQQKSFR) corresponding to the C-terminus amino acids of PTPN11
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10984971

Applications	Tested Dilution	Publications
Western Blot (WB)	1-3 µg/mL	-
Immunocytochemistry (ICC/IF)	10 µg/mL	-
Flow Cytometry (Flow)	10 µg/mL	-

## Product Specific Information

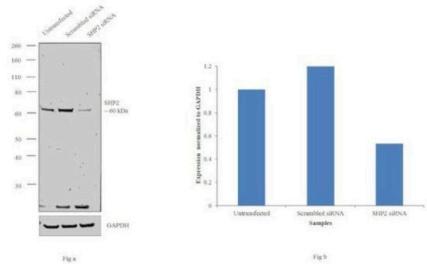
This antibody is predicted to react with bovine, porcine and rat based on sequence homology.

This antibody is tested in Peptide ELISA: antibody detection limit dilution 128,000.

Product Images For SHP2 Polyclonal Antibody

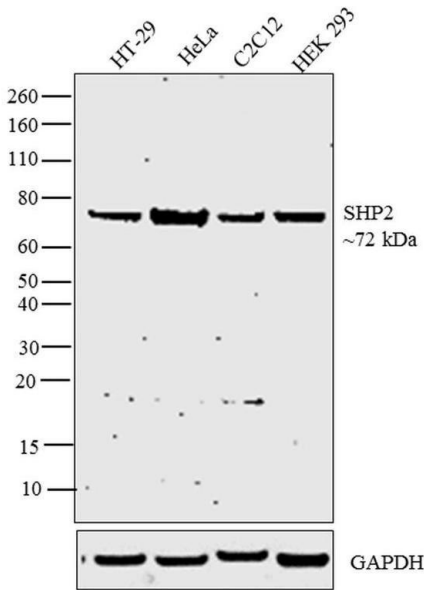
SHP2 Antibody (PA5-17956)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A-431 cells were transfected with SHP2 siRNA and reduction in signal was observed in Western Blot using SHP2 Polyclonal Antibody (Product # PA5-17956). {KD}



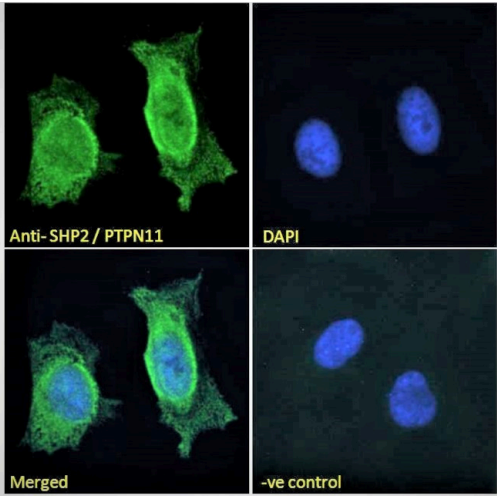
SHP2 Antibody (PA5-17956) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of HT-29 (Lane 1), HeLa (Lane 2), C2C12 (Lane 3) and HEK 293 (Lane 4). The blot was probed with Anti-SHP2 Polyclonal Antibody (Product # PA5-17956, 1 µg/mL) and detected by chemiluminescence using Rabbit anti-Goat IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27014, 0.25 µg/mL, 1:4000 dilution). A 72 kDa band corresponding to SHP2 was observed across the cell lines tested.)



SHP2 Antibody (PA5-17956) in ICC/IF

Immunocytochemistry analysis of SHP2 using SHP2 Polyclonal Antibody (Product # PA5-17956) in paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL).



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