

SHP-2 (Phospho-Tyr580) Antibody Blocking Peptide

Catalog Number: 51320

Amount: 100μg/100μl

Form of Peptide: Peptide in 10 mM phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl,

0.1 mM EDTA, 1 mg/ml BSA, 5% DMF and 5% glycerol.

Peptide Information: The synthesized phosphopeptide was derived from human SHP-2 around the

phosphorylation site of tyrosine 580 (R-V-Y^P-E-N).

Storage: Store at -20°C.

Quality Control: The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.

Specificity: The peptide specifically blocks the signal of SHP-2 (Phospho-Tyr580) antibody (#11320)

completely in IHC.

Applications: For Western blotting:add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody

dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before

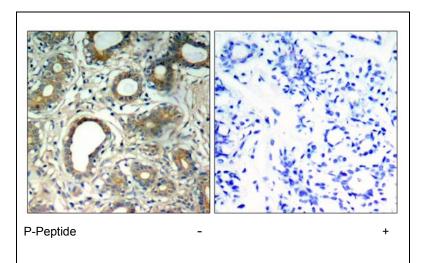
allowing to react with the blot.

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.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using SHP-2 (Phospho-Tyr580) antibody (#11320).