SHP2 (phospho Tyr542) antibody

Cat. No. GTX17939

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-P	1:20

Not tested in other applications.

Calculated MW 68 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human SHP2 that contains tyrosine 542. The sequence is conserved in mouse, rat and chicken.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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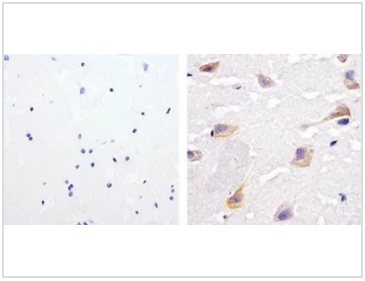
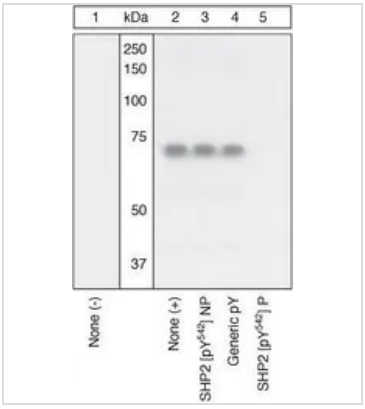
DATA IMAGES



GTX17939 IHC-P Image

IHC-P analysis of human brain tissue using GTX17939 SHP2 (phospho Tyr542) antibody.
Right : Primary antibody
Left : Negative control without primary antibody
Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min
Dilution : 1:20



GTX17939 WB Image

WB (peptide competition) analysis of NIH3T3 cells treated with PDGF (Lane 2-5) using GTX17939 SHP2 (phospho Tyr542) antibody prior incubated with the non-phosphopeptide corresponding to the immunogen (Lane 3), a generic phosphotyrosine-containing peptide (Lane 4), or, the phosphopeptide immunogen (Lane 5)control. The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody.

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