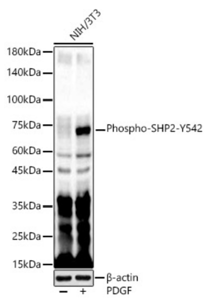
antibodies.com

Anti-SHP2 (phospho Tyr542) Antibody (A16556)

Specifications:

Name:	Anti-SHP2 (phospho Tyr542) Antibody
Description:	Rabbit polyclonal antibody to SHP2 (phospho Tyr542).
Applications:	WB, IHC
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:100
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic phosphorylated peptide around Y542 of human PTPN11 (NP_002825.3).
Sequence:	HEYTN
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	72 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.01% Thiomersal.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

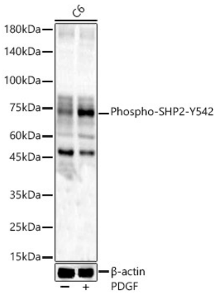
Images:



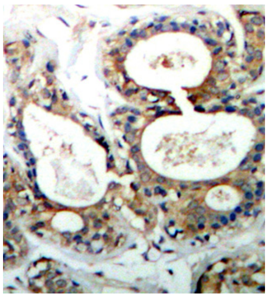
Western blot analysis of NIH/3T3, using Anti-SHP2 (phospho Tyr542) Antibody (A16556) at 1:700 dilution. NIH/3T3 cells were treated by PDGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25μg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 60s.

Anti-SHP2 (phospho Tyr542) Antibody (A16556)

Images continued:



Western blot analysis of C6, using Anti-SHP2 (phospho Tyr542) Antibody (A16556) at 1:700 dilution. C6cells were treated by PDGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25μg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Anti-SHP2 (phospho Tyr542) Antibody (A16556). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.