

Product Datasheet

SHP-2/PTPN11 Antibody NB100-806

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-806

SHP-2/PTPN11 Antibody

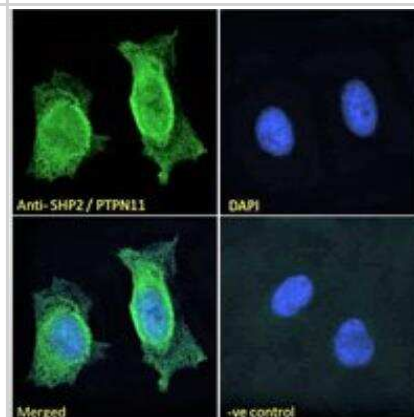
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	5781
Gene Symbol	PTPN11
Species	Human
Immunogen	Peptide with sequence C-YENVGLMQQQKSFR corresponding to C-Terminus according to NP_002825.3.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:28000
Application Notes	WB: Approx. 70 kDa band observed in human skeletal muscle lysate (calculated MW of 68.0 kDa band according to NP_002825.3).

Images

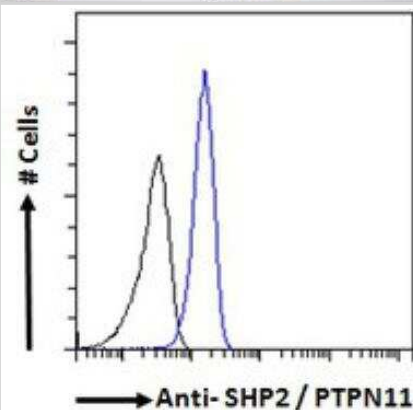
Western Blot: SHP-2/PTPN11 Antibody [NB100-806] - Human Muscle lysate (RIPA buffer, 35 ug total protein per lane). Antibody at 2 ug/mL. Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: SHP-2/PTPN11 Antibody [NB100-806] - Analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry: SHP-2/PTPN11 Antibody [NB100-806] - Analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Saxton TM, Ciruna BG, Holmyard D et al. The SH2 tyrosine phosphatase shp2 is required for mammalian limb development. *Nat Genet* 2000-04-01 [PMID: 10742110]



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Products Related to NB100-806

NB800-PC6	293 Whole Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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