

Product Datasheet

SHP-1 Antibody NB100-60553

Unit Size: 0.1 mg

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

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NB100-60553

SHP-1 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	5777
Gene Symbol	PTPN6
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_536858.1 and NP_002822.2)
Immunogen	Peptide with sequence C-HTKNKREEKVKKQ corresponding to internal region (near C-Terminus) according to NP_536858.1, NP_002822.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.2 - 0.5 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 70 kDa band observed in lysates of Jurkat and U937 (calculated MW of 67.7 kDa band according to NP_536858.1 and 67.6 kDa band according to NP_002822.2).

Images

Western Blot: PTPN6 Antibody [NB100-60553] - (0.2ug/ml) staining of Jurkat cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Dubois MJ, Bergeron S, Kim HJ et al. The SHP-1 protein tyrosine phosphatase negatively modulates glucose homeostasis. Nat Med 2006-05-01 [PMID: 16617349]



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Products Related to NB100-60553

NBL1-14976	SHP-1 Overexpression 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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