

Product Datasheet

NIPP1 Antibody NB100-1286

Unit Size: 0.1 mg

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

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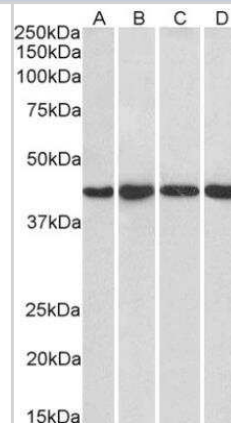
NB100-1286

NIPP1 Antibody

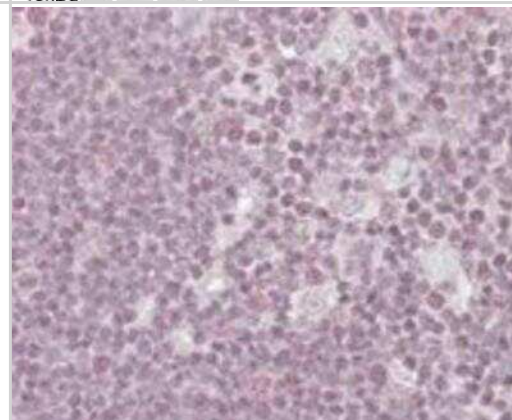
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	5511
Gene Symbol	PPP1R8
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise all three human isoforms of this protein.
Immunogen	Peptide with sequence C-EAWPGKKPTPSLLI corresponding to C-Terminus according to NP_002704.1, NP_054829.2, NP_612568.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 2 ug/ml, Immunohistochemistry 2.5 - 3.8 ug/ml, Immunohistochemistry-Paraffin 2.5 - 3.8 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	Western blot: Approx 40kDa band observed in nuclear lysates of cell lines HeLa, HepG2, Jurkat and NIH3T3 (calculated MW of 38.5kDa according to Human NP_054829.2 and to Mouse NP_666266.1). Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Lung for this particular batch. IHC: In paraffin embedded Human Thymus shows speckled staining of nuclei.

Images

Western Blot: NIPP1 Antibody [NB100-1286] - (1ug/ml) staining of HeLa (A), HepG2 (B), Jurkat (C) and NIH3T3 (D) nuclear lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry-Paraffin: NIPP1 Antibody [NB100-1286] - 3.8ug/ml staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Beullens M, Bollen M. The protein phosphatase-1 regulator NIPP1 is also a splicing factor involved in a late step of spliceosome assembly. *J Biol Chem* 2002-05-31 [PMID: 11909864]

Nuytten M, Beke L, Van Eynde A, Ceulemans H, Beullens M, Van Hummelen P, Fuks F, Bollen M. The transcriptional repressor NIPP1 is an essential player in EZH2-mediated gene silencing. *Oncogene*;27(10):1449-60. 2008-02-28 [PMID: 17724462]



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Products Related to NB100-1286

NBL1-14686	NIPP1 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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