

Product Datasheet

NPM1 Antibody - BSA Free

NBP1-90047

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-90047

NPM1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

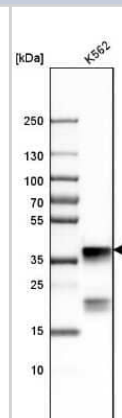
Host	Rabbit
Gene ID	4869
Gene Symbol	NPM1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (86%). Human reactivity reported in scientific literature (PMID: 21738817).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VAVEEDAEESEDEEEEDVKLLSISGKRSAPGGGSKVPQKKVKLAADEDDEDDDDDE EDDDDEDDDDDFDDEEAEEKAPVKKSIRDTPAKNAQKSNQNGKDSKPSSTPR S

Product Application Details

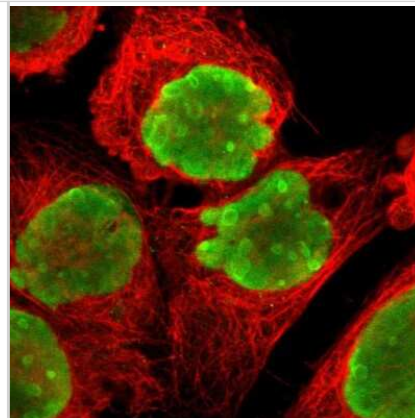
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

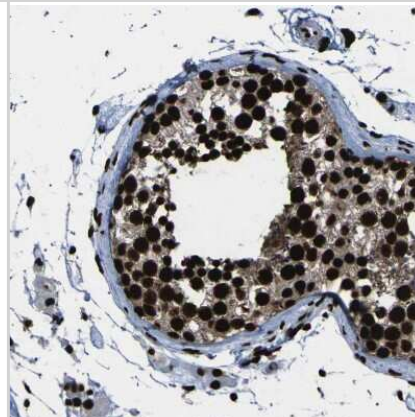
Western Blot: NPM1 Antibody [NBP1-90047] - Analysis in human cell line K562.



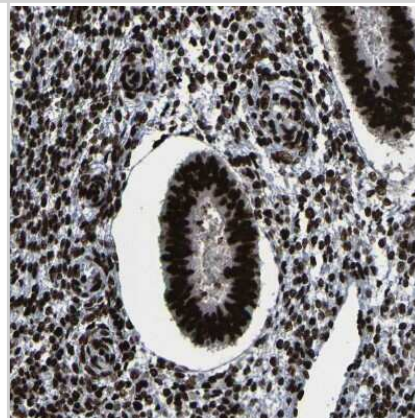
Immunocytochemistry/Immunofluorescence: NPM1 Antibody [NBP1-90047] - Staining of human cell line A-431 shows localization to nucleus & nucleoli. Antibody staining is shown in green.



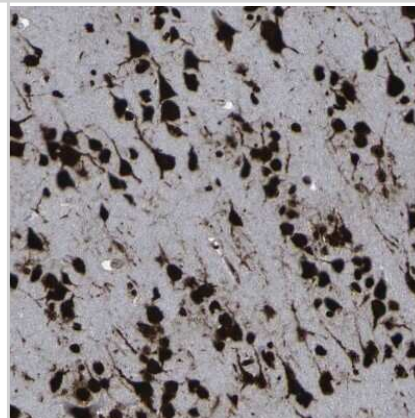
Immunohistochemistry-Paraffin: NPM1 Antibody [NBP1-90047] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



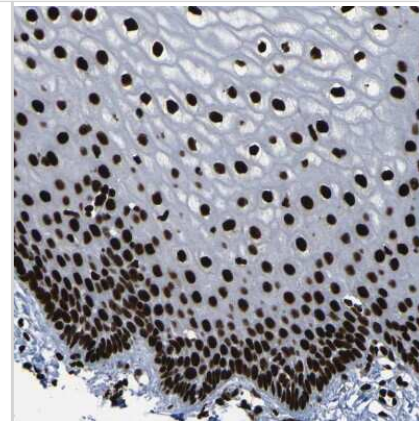
Immunohistochemistry-Paraffin: NPM1 Antibody [NBP1-90047] - Staining of human endometrium shows moderate to strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: NPM1 Antibody [NBP1-90047] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: NPM1 Antibody [NBP1-90047] - Staining of human cervix, uterine shows moderate to strong nuclear positivity in glandular cells.



Publications

O'Dwyer D, Ralton LD, O'Shea A, Murray GI. The Proteomics of Colorectal Cancer: Identification of a Protein Signature Associated with Prognosis. PLoS One 2011-01-01 [PMID: 22125622]

Rower C, Ziems B, Radtke A et al. Toponostics of invasive ductal breast carcinoma: combination of spatial protein expression imaging and quantitative proteome signature analysis. Int J Clin Exp Pathol 2011-03-31 [PMID: 21738817] (IF/IHC, Human)

Bolander A, Agnarsdottir M, Stromberg S et al. The protein expression of TRP-1 and galectin-1 in cutaneous malignant melanomas. Cancer Genomics Proteomics 2008-11-01 [PMID: 19287070]



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Products Related to NBP1-90047

NBP1-90047PEP	NPM1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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