

Rabbit NPM1 Polyclonal Antibody | anti-NPM1 antibody

NPM1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28362	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation

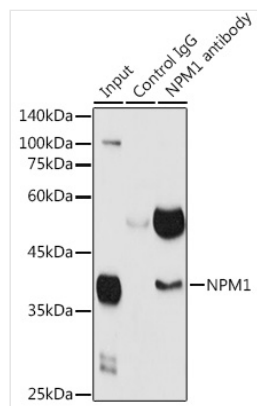
PRODUCT SYNONYMS

NPM1; Polyclonal Antibody; NPM1 Rabbit pAb; B23; NPM; anti-NPM1 antibody

PRODUCT SPECIFICATIONS

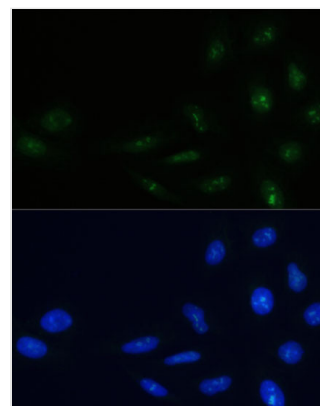
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-NPM1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200 IP: 1:50-1:200
Immunogen	Recombinant protein of human NPM1.
Cellular Location	Cytoplasm, Nucleus, centrosome, cytoskeleton, microtubule organizing center, nucleolus, nucleoplasm
Positive Samples	293T, Jurkat, HeLa, NIH/3T3, Mouse thymus, Mouse spleen
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



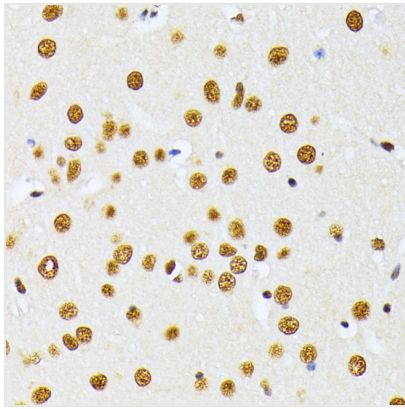
IP (Immunoprecipitation)

Immunoprecipitation analysis of 600ug extracts of 293T cells using 3ug NPM1 antibody . Western blot was performed from the immunoprecipitate using NPM1 antibody at a dilution of 1:1000.

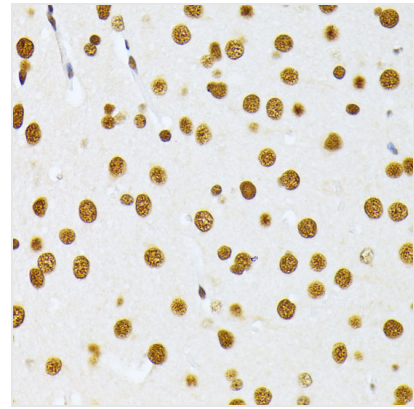


IF (Immunofluorescence)

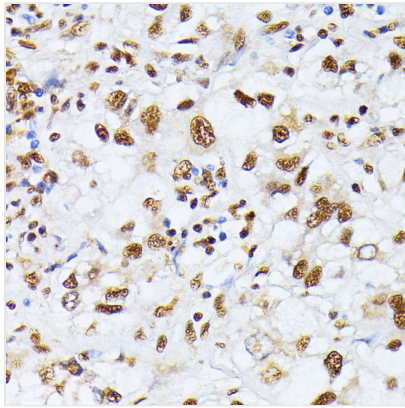
Immunofluorescence analysis of U-2 OS cells using NPM1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



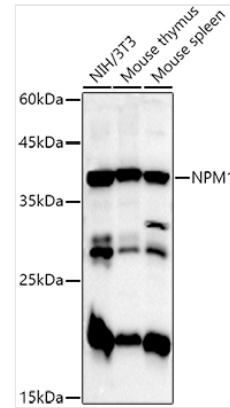
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using NPM1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using NPM1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using NPM1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using NPM1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-NPM1 antibody	Background: This gene encodes a phosphoprotein which moves between the nucleus and the cytoplasm. The gene product is thought to be involved in several processes including regulation of the ARF/p53 pathway. A number of genes are fusion partners have been characterized, in particular the anaplastic lymphoma kinase gene on chromosome 2. Mutations in this gene are associated with acute myeloid leukemia. More than a dozen pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-NPM1 antibody	Epigenetics & Nuclear Signaling ; RNA Binding ; Research ; Protein phosphorylation ; Research ; Cell Biology & Developmental Biology ; Cell Cycle ; Centrosome

NCBI AND UNIPROT INFORMATION

NCBI GI #	83641870
NCBI GeneID	4869
NCBI Accession #	NP_001032827.1
NCBI GenBank Nucleotide #	NM_001037738.2
UniProt Accession #	P06748 ; P08693 ; Q12826 ; Q13440 ; Q13441 ; Q14115 ; Q5EU94 ; Q5EU95 ; Q5EU96 ; A8K3N7 ; B5BU00 ; D3DQL6
Molecular Weight	32,575 Da
NCBI Official Full Name	nucleophosmin isoform 3

NCBI Official Synonym Full Names	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
NCBI Official Symbol	NPM1
NCBI Official Synonym Symbols	B23; NPM
NCBI Protein Information	nucleophosmin; nucleolar protein NO38; nucleophosmin/nucleoplasmin family, member 1
UniProt Protein Name	Nucleophosmin
UniProt Gene Name	NPM1
UniProt Synonym Gene Names	NPM; NPM
UniProt Entry Name	NPM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/npm1-antibody-western-blot-immunohistochemistry-immunofluorescence-immunoprecipitation-elisa/28362>