

Rabbit anti-Human, Mouse NPM1 Polyclonal Antibody | anti-NPM1 antibody

Rabbit anti-NPM1 Antibody, Affinity Purified

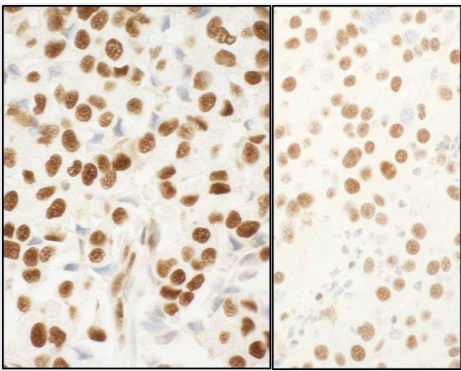
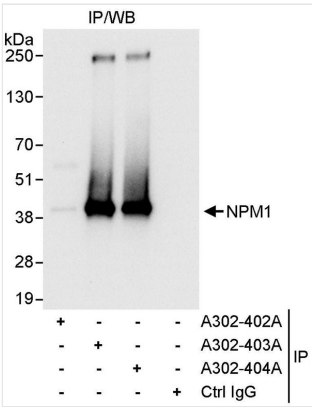
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211865	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

NPM1; Polyclonal Antibody; Rabbit anti-NPM1 Antibody; Affinity Purified; nucleophosmin (nucleolar phosphoprotein B23; numatrin); B23; Numatrin; testicular tissue protein Li 128; nucleophosmin/nucleoplasmin family; member 1; nucleophosmin; nucleolar protein NO38; NPM; Nucleolar phosphoprotein B23; Nucleophosmin; nucleophosmin 1; anti-NPM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NPM1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 244 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



IHC (Immunohistochemistry)
Detection of human and mouse NPM1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma (left) and mouse renal cell carcinoma (right). Antibody: Affinity purified rabbit anti-NPM1 (Cat. No. AAA211865 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

IP (Immunoprecipitation)
Detection of human NPM1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-NPM1 antibody AAA211865 used for IP at 10 ug/mg lysate. NPM1 was also immunoprecipitated by rabbit anti-NPM1 antibodies and which recognize upstream epitopes. For blotting immunoprecipitated NPM1, was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-NPM1 antibody	Nucleophosmin (NPM1) is involved in diverse cellular processes such as ribosome biogenesis, centrosome duplication, protein chaperoning, histone assembly, cell proliferation, and regulation of tumor suppressors TP53/p53 and ARF. It associates with nucleolar ribonucleoprotein structures and binds single-stranded nucleic acids. NPM1 binds ribosomes presumably to drive ribosome nuclear export. Chromosomal aberrations involving NPM1 have been identified in several types of leukemia [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P06748].
Product Categories/Family for anti-NPM1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835063
NCBI GeneID	4869
UniProt Accession #	P06748; P08693; Q12826; Q13440; Q13441; Q14115; Q5EU94; Q5EU95; Q5EU96; Q5EU97; A8K3N7; B5BU00
NCBI Official Full Name	nucleophosmin isoform 1 [Homo sapiens]
NCBI Official Synonym Full Names	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
NCBI Official Symbol	NPM1
NCBI Official Synonym Symbols	B23; NPM; MGC104254; NPM1
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.