

Rabbit anti-Human, Mouse Nucleophosmin (NPM) Polyclonal Antibody | anti-NPM antibody

Polyclonal Antibody to Nucleophosmin (NPM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20091	Rabbit	Human, Mouse	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

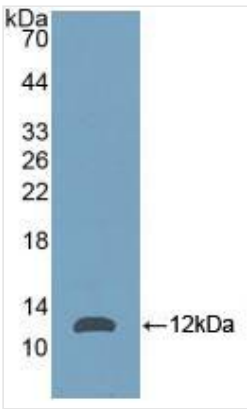
PRODUCT SYNONYMS

Nucleophosmin (NPM); Polyclonal Antibody; Polyclonal Antibody to Nucleophosmin (NPM); anti-NPM antibody

PRODUCT SPECIFICATIONS

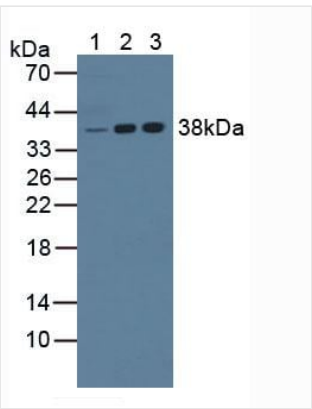
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NPM. It has been selected for its ability to recognize NPM in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-tag and the sequence is listed below. MG HHHHHHSGSE F-DLKPSTPR SKGQESFKKQ EKTPKTPKGP SSVEDIKAKM QASIEKGGSL PKVEAKFINY VKNCFRMTDQ EAIQDLWQWR KSL
Sequence Length	294
Applicable Applications for anti-NPM antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant NPM (Asp212~Leu292) expressed in E.coli.
Cross Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: NPM knockout Jurkat cell lysate; Predicted MW: 33kd Observed MW: 38kd Primary Ab: 1ug/ml Rabbit Anti-Mouse NPM Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Mouse.



WB (Western Blot)

Western Blot: Lane1: Mouse Liver Tissue; Lane2: Human Jurkat Cells; Lane3: Human K562 Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NPM antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679108
NCBI GeneID	18148
NCBI Accession #	NP_032748.1
NCBI GenBank Nucleotide #	NM_008722.3
UniProt Accession #	Q61937
Molecular Weight	32,560 Da
NCBI Official Full Name	nucleophosmin isoform 1
NCBI Official Synonym Full Names	nucleophosmin 1
NCBI Official Symbol	Npm1
NCBI Official Synonym Symbols	B23; Npm; NO38
NCBI Protein Information	nucleophosmin
UniProt Protein Name	Nucleophosmin
UniProt Gene Name	Npm1
UniProt Synonym Gene Names	NPM

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.