

Goat anti-Nucleophosmin / NPM1 Antibody

Item Number	dAP-0614
Target Molecule	Principle Name: Nucleophosmin / NPM1; Official Symbol: NPM1; All Names and Symbols: NPM1; NPM; B23; nucleophosmin (nucleolar phosphoprotein B23, numatrin); numatrin; nucleolar phosphoprotein B23; nucleophosmin/nucleoplasmin family, member 1; MGC104254; nucleophosmin 1; Accession Number (s): NP_002511.1; NP_954654.1; Human Gene ID(s): 4869; Non-Human GeneID(s):
Immunogen	QEAIQDLWQWRKSL, is from C Terminus This antibody is expected to recognise both report isoforms (NP_002511.1; NP_954654.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 37kDa band observed in lysates of cell lines Jurkat and HeLa lysates (calculated MW of 32.6kDa according to NP_002511.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Grisendi S, Pandolfi PP. NPM mutations in acute myelogenous leukemia. N Engl J Med. 2005 Jan 20;352(3):291-2..PMID: 15659732 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**