

NPM1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (QEAIQDLWQWRKSL) corresponding to the C-terminus amino acids of NPM1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10977073

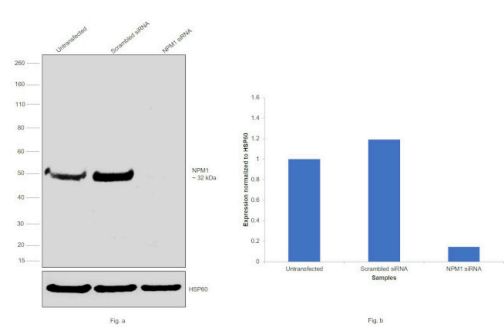
Applications	Tested Dilution	Publications
Western Blot (WB)	0.01-1 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	5 µg/mL	-
Immunocytochemistry (ICC/IF)	10 µg/mL	-

Product Specific Information

This antibody is predicted to react with bovine and canine based on sequence homology.

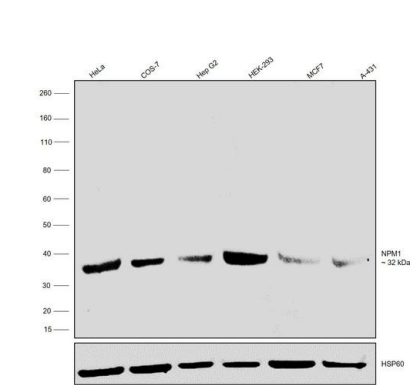
This antibody is tested in Peptide ELISA: antibody detection limit dilution 8,000.

Product Images For NPM1 Polyclonal Antibody



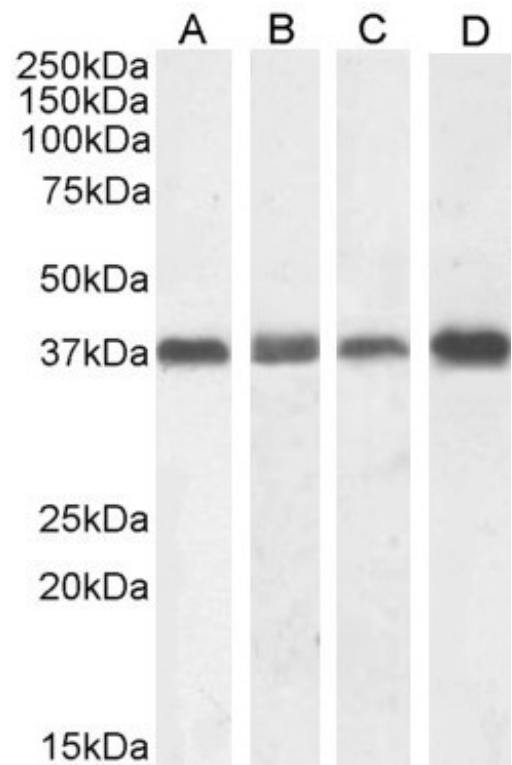
NPM1 Antibody (PA5-18358)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with NPM1 siRNA and decrease in signal intensity was observed in western blot application using Anti-NPM1 Polyclonal Antibody (Product # PA5-18358). {KD}



NPM1 Antibody (PA5-18358) in WB

Western blot was performed using Anti-NPM1 Polyclonal Antibody (Product # PA5-18358) and a 32 kDa band corresponding to NPM1 was observed across all the cell lines tested. Modified whole cell extracts (1% SDS) (30 µg lysate) of HeLa (Lane 1), COS-7 (Lane 2), Hep G2 (Lane 3), HEK-293 (Lane 4), MCF7 (Lane 5), and A-431 (Lane 6) were electrophoresed using NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0302BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1 µg/mL) and detected by chemiluminescence with Rabbit anti-Goat IgG Heavy Chain Superclonal™ Secondary Antibody, HRP (Product # A27014, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



NPM1 Antibody (PA5-18358) in WB

Western blot analysis of NPM1 using NPM1 Polyclonal Antibody (Product # PA5-18358) (1 µg/mL) in staining of NIH3T3 (A), (0.1 µg/mL) Daudi (B), Jurkat (C) and (0.01 µg/mL) K562 (D) cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

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