

For Research Use Only

NPM3 Recombinant antibody

Catalog Number: 85156-4-RR



Basic Information

Catalog Number:

85156-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2564

GenBank Accession Number:

BC054868

GeneID (NCBI):

10360

UNIPROT ID:

O75607

Full Name:

nucleophosmin/nucleoplasmin, 3

Calculated MW:

178 aa, 19 kDa

Observed MW:

20-25 kDa

Purification Method:

Protein A purification

CloneNo.:

242863C5

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HuH-7 cells, K-562 cells, Raji cells, Jurkat cells

Background Information

NPM3, a member of the nucleophosmin/ nucleoplasmin family, lacks intrinsic histone chaperone activity, inhibits histone assembly activity of NPM1 in vitro, and dramatically enhances transcription in a cellular system (PMID: 20073534). Human NPM3 is an abundant and widely expressed protein with primarily nuclear localization. The NPM3 protein migrated in SDS-PAGE gels as a doublet with apparent molecular masses of 25 and 27 kDa, which are larger than the 20.5 kDa mass predicted by the deduced amino acid sequence including the HA tag (PMID: 11722795). The NPM3 antibody can detect two bands with MW between 20-27 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

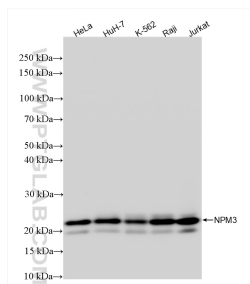
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85156-4-RR (NPM3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.