



Rabbit Anti-Nucleoplasmin 2 antibody

SL19335R

Product Name:	Nucleoplasmin 2
Chinese Name:	核仁磷酸蛋白2抗体
Alias:	NPM2; NPM2_HUMAN; nucleophosmin/nucleoplasmin, 2; nucleoplasmin 2; Nucleoplasmin-2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	24kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human nucleoplasmin 2:141-214/214
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	NPM2 (Nucleophosmin/Nucleoplasmin 2) is a Protein Coding gene. GO annotations related to this gene include nucleic acid binding and enzyme binding. An important paralog of this gene is NPM1. Function: Core histones chaperone involved in chromatin reprogramming, specially during

fertilization and early embryonic development. Probably involved in sperm DNA decondensation during fertilization.

Subunit:

Homopentamer, when bound to H2A-H2B dimers only. Homodecamer of two stacked pentamers, when bound to H2A-H2B dimers and H3-H4 tetramers simultaneously (By similarity).

Subcellular Location:

Nucleus. Found in the oocyte nucleus before nuclear membrane breakdown, after which it is redistributed to the cytoplasm.

Similarity:

Belongs to the nucleoplasmin family.

SWISS:

Q86SE8

Gene ID:

10361

Database links:

[Entrez Gene: 10361](#) Human

[Omim: 608073](#) Human

[SwissProt: Q86SE8](#) Human

[Unigene: 131055](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.