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Nucleoplasmin 2 Rabbit pAb

Catalog # AP97004

Product Information

Application	WB, E
Primary Accession	Q80W85
Other Accession	Q80W85
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23309
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse Nucleoplasmin 2
Epitope Specificity	121-207/207
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the nucleoplasmin family.
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).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	328440
Other Names	NPM2_HUMAN; NPM2; NPM2_MOUSE; nucleophosmin/nucleoplasmin 2
Dilution	WB=1:500-2000,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	Npm2
Function	Core histones chaperone involved in chromatin reprogramming, especially during fertilization and early embryonic development. Probably involved in

	sperm DNA decondensation during fertilization.
Cellular Location	Nucleus. Note=Found in the oocyte nucleus before nuclear membrane breakdown, after which it is redistributed to the cytoplasm
Tissue Location	Ovary specific..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.