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NPM2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14281

Product Information

Application	WB
Primary Accession	Q86SE8
Other Accession	NM_182795, NP_877724
Reactivity	Human, Horse
Predicted	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24152

Additional Information

Gene ID	10361
Alias Symbol	MGC78655
Other Names	Nucleoplasmin-2, NPM2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-NPM2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	NPM2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

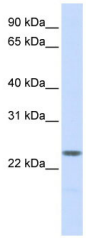
Protein Information

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.

References

Burns K.H.,et al.Science 300:633-636(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 439:331-335(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Frehlick L.J.,et al.Bioessays 29:49-59(2007).

Images



WB Suggested Anti-NPM2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Placenta

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