

NPM2 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI14281

Product Information

Application WB Primary Accession Q86SE8

Other Accession <u>NM_182795</u>, <u>NP_877724</u>

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, specially

during fertilization and early embryonic development. Probably involved in

sperm DNA decondensation during fertilization.

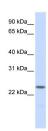
Cellular Location Nucleus. Note=Found in the oocyte nucleus before nuclear membrane

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'.