

Anti-Human/Mouse/Rat Nucleophosmin Polyclonal Antibody
Polyclonal Antibody

Cat.NO.: PA05308

3th Edition

Description: This gene encodes a phosphoprotein which moves between the nucleus and the cytoplasm. The gene product is thought to be involved in several processes including regulation of the ARF/p53 pathway. A number of genes are fusion partners have been characterized, in particular the anaplastic lymphoma kinase gene on chromosome 2. Mutations in this gene are associated with acute myeloid leukemia. More than a dozen pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. NPM1 (Nucleophosmin) is a Protein Coding gene. Diseases associated with NPM1 include Leukemia, Acute Myeloid and Lymphomatoid Papulosis. Among its related pathways are Validated targets of C-MYC transcriptional activation and Chromosome Maintenance. GO annotations related to this gene include nucleic acid binding and protein homodimerization activity. An important paralog of this gene is NPM2.

Antigen: Synthesized peptide derived from human B23 around the non-phosphorylation site of Thr234.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: