

NPM Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP06136

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human NPM. AA range:201-250

Mol wt 32575

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name NPM Antibody

Synonyms NPM1; NPM; Nucleophosmin; NPM; Nucleolar phosphoprotein B23; Nucleolar protein NO38; Numatrin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

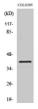
NPM1 encodes a phosphoprotein which moves between the nucleus and the cytoplasm. The gene product is thought to be involved in several processes including regulation of the ARF/p53 pathway. A number of genes are fusion partners have been characterized, in particular the anaplastic lymphoma kinase gene on chromosome 2. Mutations in NPM1 are associated with acute myeloid leukemia. More than a dozen pseudogenes of NPM1 have been identified. Alternative splicing results in multiple transcript variants.

Recommended Dilution

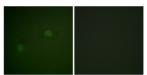
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

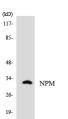
Images



Western Blot analysis of various cells using NPM Polyclonal Antibody



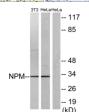
Immunofluorescence analysis of HeLa cells, using NPM Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using NPM antibody.



Immunohistochemistry analysis of paraffin-embedded human tonsil tissue, using NPM Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa and NIH/3T3 cells, using NPM Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com