

## NPM (K230) polyclonal antibody

Catalog: BS1804

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Nucleophosmin (NPM; also known as B23, numatrin or NO38) is an abundant phosphoprotein primarily found in nucleoli. It has been implicated in several distinct cellular functions, including assembly and transport of ribosomes, cytoplasmic/nuclear trafficking, regulation of DNA polymerase  $\alpha$  activity, centrosome duplication and molecular chaperoning activities. The NPM gene is also known for its fusion with the anaplastic lymphoma kinase (ALK) receptor tyrosine kinase. The NPM portion contributes to transformation by providing a dimerization domain, which results in activation of the fused kinase.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 38 kDa

### Swiss-Prot:

P06748

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

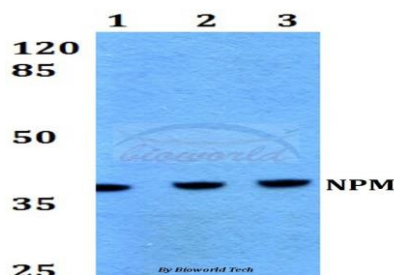
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

NPM (K230) polyclonal antibody detects endogenous levels of NPM protein.

### DATA:

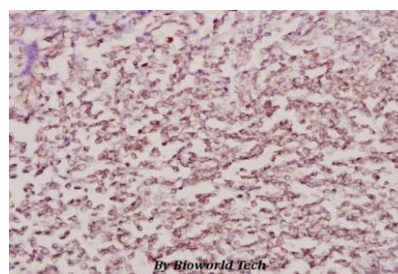


Western blot (WB) analysis of NPM (K230) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate



Immunohistochemistry (IHC) analyzes of NPM (K230) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50.

### Note:

For research use only, not for use in diagnostic procedure.

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