

## NPM (phospho-T199) polyclonal antibody

Catalog: BCP01214

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### 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 > 97% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

### Storage&Stability:

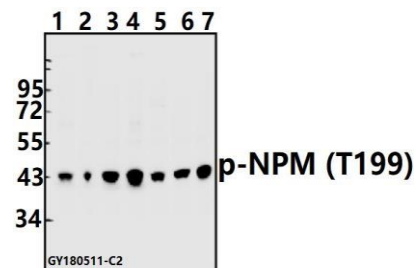
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

p-NPM (T199) polyclonal antibody detects endogenous levels of NPM protein only when phosphorylated at Thr199.

### DATA:



Western blot (WB) analysis of p-NPM (T199) pAb at 1:500 dilution

Lane1:H1792 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(40ug)

Lane4:EC9706 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

Lane6:CT26 whole cell lysate(40ug)

Lane7:HEK293T whole cell lysate(40ug)

### Note:

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