

## N4BP2L2 polyclonal antibody

Catalog: BS5850

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

N4BP2L2 (NEDD4-binding protein 2-like 2), also known as PFAAP5 (phosphonoformate immuno-associated protein 5), is a 583 amino acid nuclear protein that potentially is involved in transcriptional regulation. N4BP2L2 is phosphorylated on Ser 199 in response to DNA damage, probably by ATM or ATR. Primarily expressed in bone marrow, N4BP2L2 is dramatically down-regulated after exposure to arsenic compounds, an event which precedes neutropenia. PFAAP5 interacts with both Gfi-1 and Neutrophil Elastase, two proteins that are implicated in neutropenia disorders. Defects in the gene encoding Neutrophil Elastase, ELA2, are the cause of cyclic haematopoiesis, which, with decreased numbers of circulating neutrophils, leads to an increased risk for opportunistic infection.

### Product:

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

### Molecular Weight:

~ 67 kDa

### Swiss-Prot:

Q92802

### 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

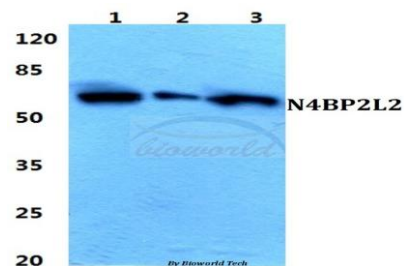
### Storage&Stability:

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

### Specificity:

N4BP2L2 polyclonal antibody detects endogenous levels of N4BP2L2 protein.

### DATA:



Western blot (WB) analysis of N4BP2L2 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:H9C2 cell lysate

Lane3:Rat lung tissue lysate

### Note:

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

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