

## CDK7 (N166) polyclonal antibody

Catalog: BS1524

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

Cdk7 is a member of the cyclin dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. Cdk7 forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk activating kinase (CAK). It is an essential component of the transcription factor TFIIF, that is involved in transcription initiation and DNA repair. This protein is thought to serve as a direct link between the regulation of transcription and the cell cycle.

### Product:

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

### Molecular Weight:

~ 39 kDa

### Swiss-Prot:

P50613

### 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

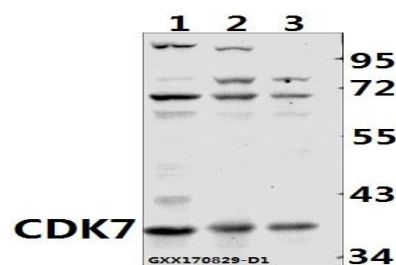
### Storage&Stability:

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

### Specificity:

CDK7 (N166) polyclonal antibody detects endogenous levels of CDK7 protein.

### DATA:

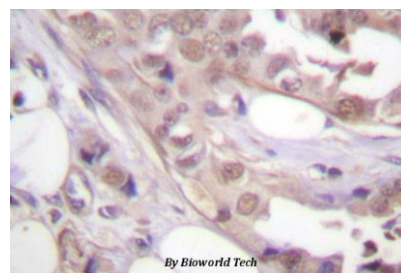


Western blot (WB) analysis of CDK7 (N166) pAb at 1:500 dilution

Lane1:PC3 whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Lane3:HCC827 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of CDK7 (N166) pAb in paraffin-embedded human breast tissue.

### Note:

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

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