

## hnRNP K (phospho-S284) polyclonal antibody

Catalog: BS4694

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The majority of hnRNP proteins components are localized to the nucleus; however some shuttle between the nucleus and the cytoplasm, such as hnRNP K. hnRNP K, a 65 kDa protein, recruits a variety of molecular partners through two K homologous (KH) domains, which are required for protein-protein interactions. hnRNP K also contains several potential phosphorylation sites, including Ser 302, the major site of PKC $\delta$  phosphorylation, which are thought to regulate various cellular functions, including sequence-specific DNA binding, transcription, RNA binding and nucleocytoplasmic shuttling.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 51 kDa

### Swiss-Prot:

P61978

### 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

ICC: 1:50~1:200

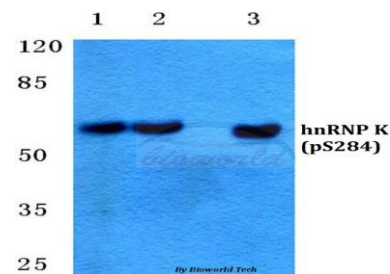
### Storage&Stability:

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

### Specificity:

p-hnRNP K (S284) polyclonal antibody detects endogenous levels of hnRNP K protein only when phosphorylated at Ser284.

### DATA:



Western blot (WB) analysis of p-hnRNP K (S284) polyclonal antibody at 1:500 dilution

Lane1: MCF-7 cell lysate treated with EGF (0.1 ng/mL, 30 mins)

Lane2: Raw264.7 cell lysate treated with EGF (0.1 ng/mL, 30 mins)

Lane3: H9C2 cell lysate treated with EGF (0.1 ng/mL, 30 mins)

### Note:

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

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