

## Septin-4 polyclonal antibody

Catalog: BS71735

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

This gene is a member of the septin family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, *Drosophila*, and mouse, and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is highly expressed in brain and heart. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. One of the isoforms (known as ARTS) is distinct; it is localized to the mitochondria, and has a role in apoptosis and cancer.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Molecular Weight:

Predicted band size: 55 kDa

Observed band size: Refer to Figures

### Swiss-Prot:

O43236

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:200 - 1:2000

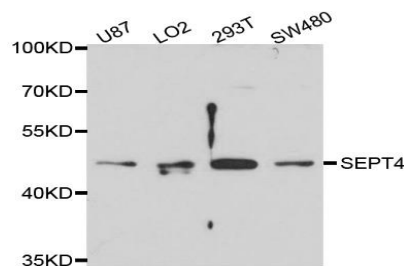
### Storage&Stability:

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

### Specificity:

Septin-4 polyclonal antibody detects endogenous levels of Septin-4 protein.

### DATA:



Western blot analysis of extract of various cells, using Septin-4 antibody.

### Note:

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

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