

## LSM1 polyclonal antibody

Catalog: BS60034

Host: Rabbit

Reactivity: Human

### BackGround:

Sm and Sm-like (LSm) proteins form donut-shaped heptameric complexes that are involved in various steps of RNA metabolism. LSm proteins facilitate RNA protein interactions and structural changes that are required during ribosomal subunit assembly. LSM1, also designated U6 snRNA-associated Sm-like protein or small nuclear ribonuclear CaSm, binds specifically to the 3'-terminal U-tract of U6 snRNA. Human LSM1 localizes to the cytoplasm in small, discrete foci. These foci are also the localization site for the mRNA decapping enzyme Dcp1/2 and the exonuclease Xrn1. LSM1 is naturally overexpressed in pancreatic cancer as well as in certain breast cancer cell lines. The downregulation of LSM1 is involved in the progression of prostate cancer.

### Product:

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

### Molecular Weight:

~ 15 kDa

### Swiss-Prot:

O15116

### 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:

LSM1 polyclonal antibody detects endogenous levels of LSM1 protein.

### DATA:



Western blot (WB) analysis of LSM1 polyclonal antibody at 1:500 dilution

Lane1:HeLa whole cell lysate

Lane2:HEK293T whole cell lysate

### Note:

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

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