

PRODUCT DATA SHEET

Bioworld Technology,Inc.

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 Xm1. 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:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

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:

Storage&Stability:

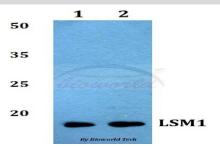
WB: 1:500~1:1000

Store at $4 \,\mathrm{C}$ short term. Aliquot and store at $-20 \,\mathrm{C}$ 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 dilu-

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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