

## Anti-LSM1 Antibody (6Z104)

## Product Details

|               |              |
|---------------|--------------|
| Ig Type:      | Rabbit IgG   |
| Reactivity:   | Human        |
| Conjugation:  | Unconjugated |
| Clone:        | 6Z104        |
| Purification: | Protein A    |

## Applications

|                    |   |
|--------------------|---|
|                    | Anti-LSM1 rabbit monoclonal antibody at 1:500 dilution.<br>-Lane A: K562 Whole Cell lysate.<br>-Lysates/proteins at 30 µg per lane.<br>-Secondary   |
| Verified Activity: | -Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.<br>-Developed using the Odyssey technique.<br>-Performed under reducing conditions.<br>-Predicted band size:15 kDa.<br>-Observed band size:17 kDa |
| Application:       | ELISA,WB  |
| Recommended        | WB: 1:500-1:1000; ELISA: 1:25000-1:50000  |

## Properties

|                      |  |
|----------------------|--|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. |
| Shipping:            | Shipping with blue ice.  |

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant Protein: Human LSM1 Protein (TMPY-03390)        |
| Antigen Species: | Human   |
| Synonyms:        | LSM1 homolog, mRNA degradation associated;LSM1;CASM;YJL124C |

## Research Background

LSM1 is an Sm-like protein. Sm-like proteins can be detected in a variety of organisms based on sequence homology with the Sm protein family. Sm-like proteins include the Sm sequence motif, which consists of two regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing. LSM1 has a role in replication-dependent histone mRNA degradation and binds specifically to the 3'-terminal U-tract of U6 snRNA. LSM1 also facilitates RNA protein interactions and structural modifications which are required during ribosomal subunit assembly.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481