

**LSM6 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11787****Specification**

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**LSM6 antibody - middle region - Product Information**

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Application       | WB                                                                   |
| Primary Accession | <a href="#">P62312</a>                                               |
| Other Accession   | <a href="#">NM_007080</a> , <a href="#">NP_009011</a>                |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Yeast, Bovine, Dog |
| Predicted         | Human, Mouse, Rat, Zebrafish, Chicken, Bovine, Dog                   |
| Host              | Rabbit                                                               |
| Clonality         | Polyclonal                                                           |
| Calculated MW     | 9kDa KDa                                                             |

**LSM6 antibody - middle region - Additional Information****Gene ID** 11157

|                                                |          |
|------------------------------------------------|----------|
| Alias Symbol                                   | YDR378°C |
| <b>Other Names</b>                             |          |
| U6 snRNA-associated Sm-like protein LSm6, LSM6 |          |

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-LSM6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

LSM6 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**LSM6 antibody - middle region - Protein Information****Name** LSM6**Function**

Plays a role in pre-mRNA splicing as component of the U4/U6- U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex) (PubMed:<[a href="http://www.uniprot.org/citations/28781166" target="\\_blank">28781166](http://www.uniprot.org/citations/28781166)</a>). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PubMed:<[a href="http://www.uniprot.org/citations/10523320" target="\\_blank">10523320](http://www.uniprot.org/citations/10523320)</a>). Component of LSm protein complexes, which are involved in RNA processing and may function in a chaperone-like manner, facilitating the efficient association

of RNA processing factors with their substrates. Component of the cytoplasmic LSM1-LSM7 complex, which is thought to be involved in mRNA degradation by activating the decapping step in the 5'-to-3' mRNA decay pathway (Probable).

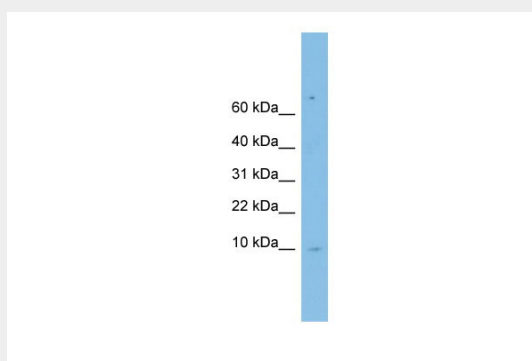
**Cellular Location**

Cytoplasm. Nucleus

**LSM6 antibody - middle region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**LSM6 antibody - middle region - Images**

WB Suggested Anti-LSM6 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: HCT15 cell lysate

LSM6 is supported by BioGPS gene expression data to be expressed in HCT15