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# LSM6 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11787

## Product Information

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| **Application** | WB |
| **Primary Accession** | P62312 |
| **Other Accession** | NM_007080, NP_009011 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine, Yeast |
| **Predicted** | Human, Mouse, Rat, Zebrafish, Chicken, Dog, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 9128 |

## Additional Information

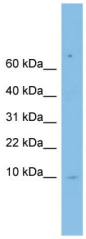
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| **Gene ID** | 11157 |
| **Alias Symbol** | YDR378°C |
| **Other Names** | U6 snRNA-associated Sm-like protein LSm6, LSM6 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & 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. |

## Protein Information

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| **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:28781166). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PubMed:10523320). 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). |

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| **Cellular Location** | Cytoplasm. Nucleus |

## 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.