

# LSM6 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11787

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P62312</a>
<b>Other Accession</b>	<a href="#">NM_007080</a> , <a href="#">NP_009011</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine, Yeast
<b>Predicted</b>	Human, Mouse, Rat, Zebrafish, Chicken, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	9128

## Additional Information

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<b>Gene ID</b>	11157
<b>Alias Symbol</b>	YDR378°C
<b>Other Names</b>	U6 snRNA-associated Sm-like protein LSm6, LSM6
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	LSM6 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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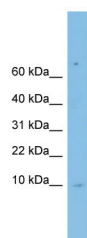
<b>Name</b>	LSM6
<b>Function</b>	Plays a role in pre-mRNA splicing as component of the U4/U6- U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex) (PubMed: <a href="#">28781166</a> ). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PubMed: <a href="#">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

## Images

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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'.