

**LSM6 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3787a

**Specification**

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**LSM6 Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">P62312</a>
Other Accession	<a href="#">NP_009011.1</a> , <a href="#">11157</a> , <a href="#">78651 (mouse)</a> , <a href="#">498934 (rat)</a>
Predicted Host	Human, Mouse, Rat, Pig, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	9128

**LSM6 Antibody (internal region) - Additional Information**

**Gene ID** 11157

**Other Names**

U6 snRNA-associated Sm-like protein LSm6, LSM6

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

LSM6 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**LSM6 Antibody (internal 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</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</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 (internal 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 (internal region) - Images****LSM6 Antibody (internal region) - References**

The human LSm1-7 proteins colocalize with the mRNA-degrading enzymes Dcp1/2 and Xrn1 in distinct cytoplasmic foci. Ingelfinger D, Arndt-Jovin DJ, Lührmann R, Achsel T. RNA. 2002 Dec;8(12):1489-501. PMID: 12515382