

**LSM2 (aa33-46) Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3784a**Specification**

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**LSM2 (aa33-46) Antibody (internal region) - Product Information**

Application	WB
Primary Accession	<a href="#">O9Y333</a>
Other Accession	<a href="#">NP_067000.1</a> , <a href="#">57819</a> , <a href="#">27756 (mouse)</a> , <a href="#">684148 (rat)</a>
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	10835

**LSM2 (aa33-46) Antibody (internal region) - Additional Information**

**Gene ID** 57819

**Other Names**

U6 snRNA-associated Sm-like protein LSm2, Protein G7b, Small nuclear ribonuclear protein D homolog, snRNP core Sm-like protein Sm-x5, LSM2, C6orf28, G7B

**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**

LSM2 (aa33-46) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**LSM2 (aa33-46) Antibody (internal region) - Protein Information**

**Name** LSM2

**Synonyms** C6orf28, G7B

**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>).

#### Cellular Location

Nucleus

#### LSM2 (aa33-46) 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](#)

#### LSM2 (aa33-46) Antibody (internal region) - Images



AF3784a (1 µg/ml) staining of K562 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### LSM2 (aa33-46) Antibody (internal region) - References

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