10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LSM6 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3787a

Specification

LSM6 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	P62312
Other Accession	NP_009011.1, 11157, 78651 (mouse), 498934 (rat)
Predicted	**Human, Mouse, Rat, Pig, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**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: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).

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 Cytomety
- 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 Xrnl in distinct cytoplasmic foci. Ingelfinger D, Arndt-Jovin DJ, Lührmann R, Achsel T. RNA. 2002 Dec;8(12):1489-501. PMID: 12515382