

LSM2 / SnRNP Antibody (clone AT2B2)
Mouse Monoclonal Antibody
Catalog # ALS15732**Specification**

LSM2 / SnRNP Antibody (clone AT2B2) - Product Information

Application	WB, IHC
Primary Accession	O9Y333
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	11kDa KDa

LSM2 / SnRNP Antibody (clone AT2B2) - 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

Target/Specificity

Human LSM2 / SnRNP

Reconstitution & Storage

Can be stored at 4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.

Precautions

LSM2 / SnRNP Antibody (clone AT2B2) is for research use only and not for use in diagnostic or therapeutic procedures.

LSM2 / SnRNP Antibody (clone AT2B2) - 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:28781166). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PubMed:10523320).

Cellular Location

Nucleus

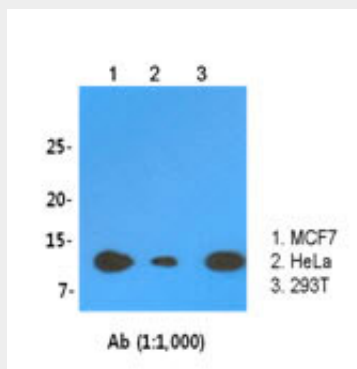
Volume
50 µl

LSM2 / SnRNP Antibody (clone AT2B2) - Protocols

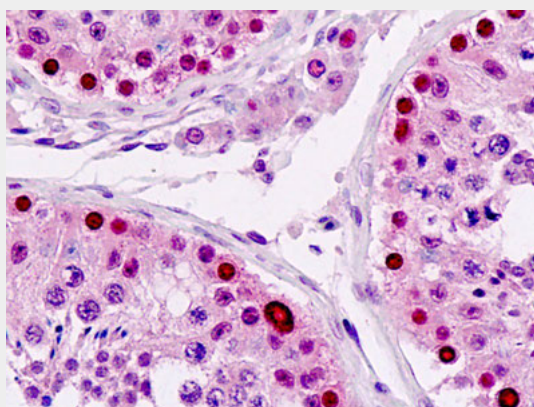
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LSM2 / SnRNP Antibody (clone AT2B2) - Images



Western Blot: The cell lysates (30 ug) were resolved by SDS-PAGE, transferred to PVDF membrane...



Anti-LSM2 / SnRNP antibody IHC staining of human testis.

LSM2 / SnRNP Antibody (clone AT2B2) - Background

Binds specifically to the 3'-terminal U-tract of U6 snRNA. May be involved in pre-mRNA splicing.

LSM2 / SnRNP Antibody (clone AT2B2) - References

Achsel T., et al. EMBO J. 18:5789-5802(1999).

Olavesen M.G.,et al.Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.

Schmarda A.,et al.Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.

Xie T.,et al.Genome Res. 13:2621-2636(2003).

Shiina S.,et al.Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.