

LSM1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP2863c**Specification**

LSM1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O15116](#)**LSM1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 27257**Other Names**

U6 snRNA-associated Sm-like protein LSm1, Cancer-associated Sm-like, Small nuclear ribonuclear CaSm, LSM1, CASM

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2863c](/products/AP2863c) was selected from the Center region of human LSM1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LSM1 Antibody (Center) Blocking Peptide - Protein Information**Name** LSM1**Synonyms** CASM**Function**

Plays a role in the degradation of histone mRNAs, the only eukaryotic mRNAs that are not polyadenylated (PubMed: <http://www.uniprot.org/citations/18172165> target="_blank">18172165). Probably also part of an LSm subunits-containing complex involved in the general process of mRNA degradation (By similarity).

Cellular Location

Cytoplasm. Cytoplasm, P-body

LSM1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LSM1 Antibody (Center) Blocking Peptide - Images

LSM1 Antibody (Center) Blocking Peptide - Background

Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family. Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.

LSM1 Antibody (Center) Blocking Peptide - References

Schweinfest C.W., Graber M.W., Chapman J.M., Papas T.S., Baron P.L., Cancer Res.
57:2961-2965(1997)